

PERFORMANCE PARTNERSHIP AGREEMENT FY2018



Escalante Natural Bridge - Photo courtesy of Norm Erikson, Division of Air Quality

Utah Department of Environmental Quality
and
U.S. Environmental Protection Agency, Region VIII

**UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
AND
THE U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VIII
FOR FISCAL YEAR 2018**

By entering into this Performance Partnership Agreement (PPA) UDEQ and EPA agree to implementation of the goals and measures contained herein. The EPA commits to fund UDEQ in the amounts specified in the Performance Partnership Grant (PPG) application subject to adjustments based on appropriations and EPA grant allocations. Should final appropriations be considerably less than these amounts, both parties may renegotiate the goals and measures outlined in the agreement.

This PPA covers the period from October 1, 2017 through September 30, 2018 and represents the workplan for the FY2018 portion of UDEQ's multi-year PPG.

FOR THE STATE OF UTAH

BY: 

Alan Matheson
Executive Director
Utah Department of Environmental Quality

Oct. 19, 2017

Date

FOR THE ENVIRONMENTAL PROTECTION AGENCY, REGION VIII

BY: 

Douglas H. Benevento,
Regional Administrator
U.S. EPA, Region VIII

1.3.18

Date

Table of Contents

Signature Page.....	2
How We Do Business	4
Agreements and Initiatives	6
Governor's Priorities	6
Compliance/Enforcement Process	6
Data Management	6
Early Engagement	6
Emerging Issues	6
Environmental Justice	7
Food	7
Implementation of Goals and Measures	7
Inspection Targeting	7
Monitoring	7
Process Improvement	7
Quality Assurance Program/Quality Management Plan	7
Supplemental Environmental Projects	8
Training	8
Utah Base Program	8
Compliance/Enforcement Diagram	10
UDEQ Goals and Objectives	11
Office of Planning and Public Affairs- Pollution Prevention and Stakeholder Involvement	12
State Indoor Radon Grant	16
Office of Support Services	24
Division of Air Quality	26
Division of Drinking Water	34
Division of Environmental Response and Remediation	43
Division of Waste Management and Radiation Control	45
Division of Water Quality	58
Performance Partnership Grant Letter	84

HOW WE DO BUSINESS

The Performance Partnership Agreement

The State of Utah, Department of Environmental Quality (UDEQ) and the U.S. Environmental Protection Agency (EPA) Region VIII coordinate to deliver Utah's environmental services. This partnership concept, memorialized in the Performance Partnership Agreement (PPA), recognizes that each brings unique experience, capabilities, knowledge and resources to the table and that environmental issues can be more effectively addressed by maximizing these assets.

An End of Year report is used by UDEQ and EPA to jointly evaluate the partnership's success in achieving the environmental program goals, measures and commitments contained in this agreement and to jointly plan for next year's PPA. The evaluation seeks to determine whether the work undertaken in the PPA:

1. Addresses the stated strategic priorities and goals;
2. Achieves administrative cost savings;
3. Where appropriate, improves environmental results; and
4. Improves EPA/UDEQ working relationships.

The following tools are used to ensure the Partnership's success:

Joint Planning and Review: Region VIII is responsible to periodically document that federally authorized programs are adequately conducted in conformance with authorization agreements. Under the PPA, EPA and UDEQ jointly evaluate program performance, identify needs, and determine how to best enhance program capacity. For delegated programs, UDEQ determines the best program structure, consistent with federal criteria. Implementation of non-delegated programs and programs on Indian land is a federal responsibility. However to ensure effectiveness, many of these activities also need State support.

Financial Flexibility: Most programs included in the PPA are partially funded by federal grants administered by EPA. UDEQ has flexibility in the use of federal funds in exchange for achieving agreed-upon environmental and program goals. Expenditure of federal grant funds and State cost shares must be consistent with the purposes and activities specified in the federal and state authorizing statutes and regulations and the commitments associated with the financial assistance.

Adequate Resources and Staff: EPA strives to provide appropriate shares of resources needed to carry out agreed upon commitments and new requirements. When adequate resources are not available, needs are jointly balanced and prioritized. This provides opportunities to discuss potential investments and disinvestments, to address cross program challenges, and to leverage resources for the highest environmental gains.

Technical Assistance: Upon request, EPA is often able to provide technical assistance which may not otherwise be available. For activities that do not require a major commitment for federal resources, EPA personnel may be available on an ongoing basis. For activities requiring a major commitment, requests for technical assistance are made as part of the PPA negotiation process.

Innovations: Sharing cost-effective and efficient approaches to solve environmental problems benefits everyone. EPA agrees to provide flexibility for States to try new approaches and States will provide appropriate performance accountability mechanisms when new approaches are used. When necessary the PPA will be amended to address the new approaches.

Alternative Dispute Resolution: EPA and UDEQ are committed to use alternative dispute resolution as an effective tool to deal with disputes and potential conflicts.

HOW WE DO BUSINESS

Oversight: Oversight of state and tribal environmental program performance is an important function of the U.S. Environmental Protection Agency (EPA). Program oversight is the process by which Region VIII carries out its responsibilities for periodically assessing, ensuring, and documenting that federally authorized programs are conducted by states and tribes adequately and in conformance with authorization agreements. Program oversight also encompasses continuing programs for which EPA funding is provided. Grant oversight focuses on deliverables, or action item commitments, and performance measures in grant work plans, and includes a fiduciary responsibility to ensure that grant funds are accounted for and used appropriately by recipients.

State Review Framework (SRF) and Uniform Enforcement Oversight System (UEOS)

Review: EPA and the State promote environmental compliance and pollution prevention through technical and compliance assistance activities and enforcement, when necessary. The careful administration of compliance assistance, pollution prevention, and enforcement is directed toward the overall goal of achieving increased compliance and reducing risk in all priority areas. State RCRA Subtitle C, CWA NPDES, CAA Stationary Sources and PWSS enforcement program performance will be evaluated as described in the Region 8 State Enforcement Performance Oversight Protocol (FY2018 – FY2022) and as described in the state-specific State Oversight Plan. EPA and the State agree to follow the revised SRF elements one through five in reviewing and assessing state compliance activities and programs. The review will be done once every five years and the next SRF review is scheduled for 2019 (performance year 2018). The next complete UEOS review of the PWSS enforcement program is planned for FY 2018 (for the FY2017 performance period).

AGREEMENTS AND INITIATIVES

Governor Priorities

Utah policymakers have worked collectively and with stakeholders to establish a statewide energy policy that balances the role of the affordable and diverse nature of the energy resources within Utah with the need for economic viability and growth and environmental sustainability. A similar effort is occurring at the national level.

Governor Herbert has also made improving Utah's air quality, managing Utah's water resources, and preparing for population growth priorities of his administration. UDEQ and EPA will work closely to address water management issues and environmental challenges related to population growth, to find innovative and rapid ways to improve air quality in urban areas and throughout the state and to work cooperatively and, as appropriate, with other states, to address shared concerns.

Finally, UDEQ is coordinating with Local Health Departments and School Districts statewide to assess whether or not there is lead at levels of public health concern in the drinking water at Utah schools. If any is found, UDEQ and EPA will work closely to follow-up on and resolve related issues.

Compliance/Enforcement Process

The diagram on page 10 outlines the general compliance and enforcement process agreed to by UDEQ and EPA.

In general, UDEQ and EPA will assume enforcement lead for violations identified by their respective programs. However, there may be instances where it would be appropriate for either UDEQ or EPA to take the lead for a violation cited by the other agency. These cases will be discussed to determine any impediments to enforcement and which agency is best suited to address the violation.

Data Management

Maintaining consistent information is imperative to the interpretation and usage of the information by all parties and with local, state, and federal partners. UDEQ will look for ways to share data with local, state and federal partners that increases the access and quality of UDEQ's data. UDEQ and EPA agree to continue analyzing reporting requirements in an effort to reduce reporting budgets and to ensure only data that is utilized is reported. The agencies agree that all information provided by UDEQ or a system generated by UDEQ is the responsibility of UDEQ and will not be changed by EPA staff or their representatives without prior approval.

Early Engagement

UDEQ and EPA support Early Engagement as a vital component to effective policy development. Early Engagement ensures that the priorities and interests of the State and the Region are clearly articulated and considered. UDEQ and EPA will observe this approach to ensure the success of PPA programs.

Emerging Issues

If both parties agree, UDEQ and EPA will reopen the PPA and amend it to address emerging issues not originally discussed during the PPA negotiations. This "reopener clause" is intended to address new issues that emerge during the PPA period. In addition, during the course of this agreement, UDEQ and EPA will examine how a "reopener clause" will operate for a future, multi-year document.

AGREEMENTS AND INITIATIVES

Environmental Justice

UDEQ and EPA agree to conduct all of their base regulatory programs within the framework and spirit of Environmental Justice (EJ). UDEQ and EPA agree to communicate about EJ issues, grant outreach, and Grantee activities in Utah and continue to assist, upon request, EJ grant funded activities in the state. UDEQ and EPA agree to exchange information, which, if appropriate, may give rise to opportunities for addressing additional EJ issues.

EPA is prepared to offer EJ training to UDEQ for the purpose of increasing understanding and improving clarity about EJ concepts and application. UDEQ and EPA will discuss the applicability of this training to UDEQ programs. EPA will provide the state access to its environmental justice Geographic Information System and other environmental justice tools and resources, as requested.

Food

All official events sponsored by UDEQ that comply with the State and Department Food Policies are allowable under the PPA. If food costs are allowed under an EPA-approved grant work plan that is rolled up into the PPA/PPG, then both parties agree that case by case EPA approval is not necessary, as long as the purchase complies with the policies.

Implementation of Goals and Measures

By entering into this agreement, UDEQ and EPA agree to implementation of the goals and measures contained herein. The EPA commits to fund UDEQ in the amounts specified in the Performance Partnership Grant application. Should final appropriations be different (i.e. more or less) than these amounts, both parties may renegotiate the goals and measures outlined in this agreement.

Inspection Targeting

EPA will provide UDEQ with its list of annual inspection targets and its planned inspections for Utah. EPA will notify UDEQ of any changes in the inspection list as soon as possible. UDEQ programs will share their inspection targets with their respective counterparts, as outlined in the individual work plans.

Monitoring

Collection and analysis of high quality environmental information is a priority of EPA and UDEQ. Priority activities are those that meet EPA reporting requirements and monitoring activities which assist UDEQ and EPA to evaluate the state of Utah's environment. Agreed upon monitoring activities are identified in the program work plans.

Process Improvement

UDEQ and EPA agree that ongoing process improvement is an important aspect of environmental program delivery. EPA agrees to support UDEQ's implementation of Continuous Improvement approaches to evaluate and adjust existing business and public participation practices within critical areas.

Quality System Program/Quality Management Plan (QMP)

UDEQ operates an EPA-approved Quality System Program that meets or exceeds federal requirements for all programs and provides input into the regional/national databases. UDEQ worked with EPA's Quality Assurance Program to finalize a Quality Management Plan. The quality assurance project plans developed by UDEQ for the RCRA, CWA, CAA delegated programs and the CERCLA program are incorporated into this agreement by reference. As specified in the QMP, each is reviewed annually by UDEQ and updated with the assistance of EPA, as appropriate. Documentation of the annual review is to

AGREEMENTS AND INITIATIVES

be done, using the EPA template, and included in the end of year report. An updated QMP is anticipated to be approved in late 2017.

Supplemental Environmental Projects

EPA and UDEQ agree that Supplemental Environmental Projects (SEPs) can and should appropriately be used as a part of certain environmental compliance settlements. SEPs can be used to promote useful environmental projects to impacted communities.

Training

UDEQ and EPA agree to jointly identify training opportunities to support the goals and objectives in this PPA. During FY2018, EPA agrees to support UDEQ's leadership succession and training efforts.

Utah Base Program

UDEQ certifies that it has, maintains, and implements adequate programs in conformance with federal and state law and regulations and conditions set forth in authorizing documents (delegation, MOAs, enforcement agreements) for the following federal laws: the Clean Water Act (CWA); the Safe Drinking Water Act; the Resource Conservation and Recovery Act (RCRA); the Clean Air Act (CAA); the Pollution Prevention Act; the Toxic Substances Control Act; and the National Environmental Policy Act.

This agreement is not intended to and does not supersede authorization/delegation packages or enforcement agreements. Utah also works closely with the 13 local health departments in Utah to ensure that environmental programs are delivered effectively and efficiently. Currently, Utah has the following delegated programs:

CAA

- Air Toxics (Partial)
- NESHAPS
- New Source Review (NSR)
- NSPS
- PSD (SIP)
- Title V

CWA

- Construction Grants
- Non-Point Source (SIP)
- NPDES Water Quality Permits
- Pretreatment
- Sludge Management (Biosolids)
- State Revolving Fund (SRF)
- Water Quality Standards (SIP)

FIFRA

- Enforcement
- Groundwater Protection (SIP)
- Pesticides Certification
- Worker Protection Safety

RCRA

- Base Program
- Boilers & Industrial Furnaces (Interim)
- Corrective Action
- Land Disposal Restr. 1/3 Wastes

AGREEMENTS AND INITIATIVES

- Land Disposal Restr. 2/3 Wastes
- Land Disposal Restr. 3/3 Wastes
- Land Disposal Restr. California Waste
- Land Disposal Restr. Construction & Demo Wastes
- Mixed Waste
- Solid waste
- Toxicity Characterization
- UST

SDWA

- Drinking Water
- UIC Class V (General)
- UIC Class II (Petroleum Related)
- Wellhead Protection (SIP)

TSCA

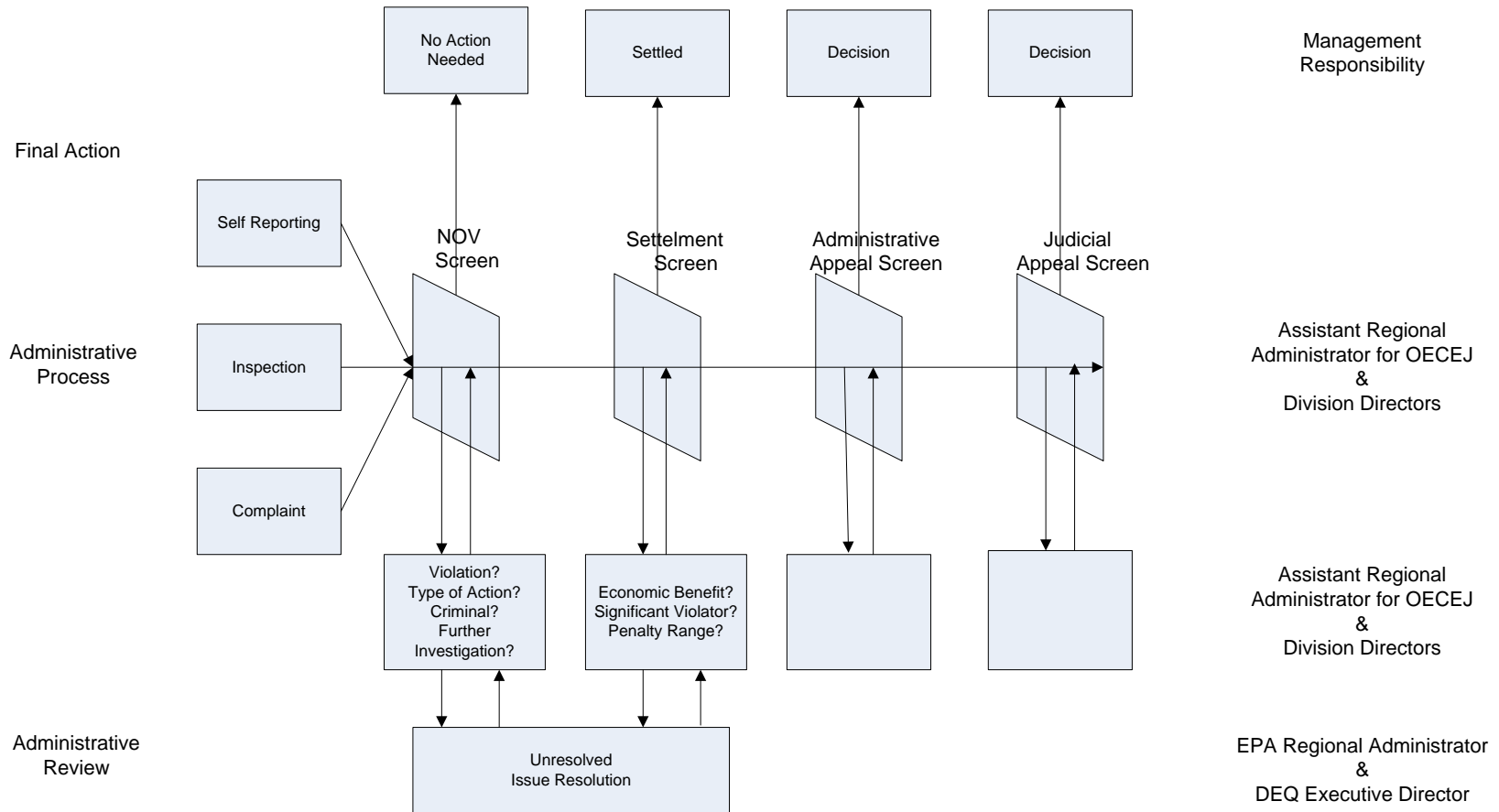
- AHERA Waiver (Enf)
- Asbestos (MAP)
- Lead

CERCLA (Non-Delegable)

EPCRA (Non-Delegable)

AGREEMENTS AND INITIATIVES

COMPLIANCE/ENFORCEMENT PROCESS



GOALS AND OBJECTIVES

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
Pollution Prevention and Stakeholder Involvement

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
Cross-cutting Strategy: Working Toward a Sustainable Future		ENVIRONMENT	
		GOAL #1: Partner with the Department and Divisions in planning and policy initiatives. Internal Support Objectives: 1. Provide public affairs support for UDEQ initiatives and, on request, to statewide initiatives.	As opportunities arise, UDEQ is represented in meetings and information is coordinated through appropriate Department channels. a. Assistance is provided in developing strategies to identify issues and encourage stakeholder participation. Informational and outreach support is provided.
Goal 4.2 Promote Pollution Prevention	Prevent Pollution and Promote Environmental Stewardship	GOAL #2: Facilitate integration of Pollution Prevention initiatives in UDEQ and throughout the State.	
		Pollution Prevention Objectives: 1. Improve environmental performance through adoption of sustainable practices that can be encouraged through the use of Environmental Management Systems (EMS), showcased through Clean Utah and shared with others on UDEQ websites. Promote P2 through award recognition in addition to Clean Utah.	a. Number of new Clean Utah participants. b. Pollution reductions realized through these efforts in business or industry. c. Successful recognition event held
		2. Promote P2 practices and tools that are available to businesses through DEQ's BizHelp Webpage. P2 tools and resources will emphasize ways to reduce emissions and use of hazardous materials and conserve natural resources, including water and energy resources.	a. Number of web hits on DEQ BizHelp Webpages b. Number of new and ongoing partnerships.

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
Pollution Prevention and Stakeholder Involvement

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		<p>3. Promote P2 practices through the Toxic Release Inventory (TRI) tool identifying effective environmental practices that will lead to measurable improvements.</p> <p>Promotion of the TRI P2 tool is to be combined with broader outreach to business in the areas of compliance and permitting assistance as well as with recognition programs. Businesses and institutions will be encouraged to develop options for the replacement and reduction of the use of toxic chemicals.</p> <p>DEQ will recognize and highlight successes and promote effective practices to similar businesses in the state.</p>	<p>a. Number of facilities contacted in promotion of TRI P2.</p> <p>b. Number of facilities adopting P2 plans associated with TRI</p> <p>c. Pollution reductions realized through these efforts in business or industry.</p> <p>d. TRI and hazardous waste P2 case studies added to DEQ Bizhelp pages.</p>
		<p>4. Track P2 grant spending and complete midyear and annual grant objectives</p>	<p>a. Grant objectives met.</p> <p>b. State budget review and planning completed.</p> <p>c. Positive feedback received from EPA and State grant/finance offices.</p>
		<p>5. Support the Governor's Utah Clean Air Partnership (UCAIR) initiative by providing resources to implement strategies and providing calculators to measure emission reductions.</p>	<p>a. Assistance provided</p>

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
Pollution Prevention and Stakeholder Involvement

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		GOAL #3: Promote a sustainable relationship between economic development and environmental protection by coordinating work with businesses and related organizations.	
		Business Assistance Objectives: 1. Facilitate UDEQ cross-media business assistance.	a. Businesses making phone or e-mail contact to PPA receive informational assistance. b. Pre-design meetings are held. c. Cross-divisional, sector specific focus in outreach activities developed and implemented, as appropriate. d. Business assistance Web pages are regularly updated. e. Opportunities are taken to encourage consistent business assistance policies within UDEQ. f. Regular coordination with GOED, EDCU, business assistance providers, Chambers of Commerce, and professional associations.
		2. Serve as Small Business Ombudsman for UDEQ.	a. Air Quality Small Business Compliance Panel remains active and quarterly meetings are held. b. Availability of ombudsman is promoted on website and as part of informational presentations, as appropriate. c. Number of businesses contacted for DEQ feedback. d. Number of responses from business. e. Issues brought to ombudsman are appropriately handled. f. Opportunities are taken to encourage small business considerations in UDEQ policy development. g. Small businesses receive assistance with UDEQ permitting process and other programs as needed. h. Annual EPA Small Business Assistance Program report is completed.

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
Pollution Prevention and Stakeholder Involvement

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
Cross-cutting Strategy: Working Toward a Sustainable Future		CUSTOMER SERVICE	
		GOAL #4: Provide public information and participation opportunities.	
		Public Education Objectives: Design and implement issue-specific campaigns to inform and involve the public.	a. Proactively employ traditional and social media to inform public of issues and programs. b. Employ DEQ's website as a databank of detailed, project-specific information.
		Stakeholder Involvement Objectives: As needed assist DEQ programs and project managers with outreach and web resources for specific projects	a. Assistance Provided.
Cross-cutting Strategy: Working Toward a Sustainable Future		Media Relations Objective: 1. Assist PIO with UDEQ media relations. 2. Utilize and Improve UDEQ's Web site to proactively highlight issues and keep it current and relevant.	a. Web site improved for better customer service. b. PIO back-up is provided. c. UDEQ media policy is followed.
		Branding Objective: Continue to define and establish DEQ's brand to help the public better engage with DEQ.	a. Continued development and promotion of DEQ's brand.

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
State Indoor Radon Grant

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
Goal 1: Improve Air Quality	Reduce Exposure to Indoor Air Pollution	Continue the fundamental activities regarding the EPA Radon Grant.	1. Promote new home construction with radon resistant technology.
			a. Promote and distribute information about radon resistant building technology to builders throughout the state. Display radon information and distribute discounted test kit coupons at the 2017 Spring Home Builders Annual Conference.
			b. Conduct at least three educational training courses entitled, "Radon Resistant New Construction." The course will offer continuing education core credits by the Utah Department of Commerce, Division of Occupation and Professional Licensing (DOPL) and will be held throughout various areas of the state.
			c. Promote Radon Resistant New Construction by reaching out to Utah home builders through personal contacts, educational courses, advertising, and home show exhibits.
			d. Assist Utah Habitat for Humanity in its building projects by providing RRNC training. Assist Green and Healthy Homes with providing mitigation and RRNC training.
			e. Recognize and acknowledge home builders who are building RRNC homes in Utah via the DRC website, public events, and/or at Radiation Control Board meetings.
			f. Respond to opportunities provided by national radon organizations such as the American Association of Radon Scientists and Technologists (AARST) and the Conference for Radiation Control Program Directors (CRCPD) to attend national radon meetings and submit comments on radon standards (RRNC 2.0).
			2. Support disclosure, testing and mitigation in conjunction with Real Estate transfers.
			a. Conduct at least three educational training courses entitled, "Radon for the Real Estate Professional." The

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
State Indoor Radon Grant

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			courses will offer continuing education core credits by the Utah Department of Commerce, Division of Real Estate (DRE) and will be held throughout various areas.
			b. Coordinate annual meetings for radon mitigators, measurement providers, and home inspectors to clarify EPA standards and protocols.
			c. Recognize and acknowledge Realtors who are radon educated on the DRC website.
			3. Develop coalitions with local governments, partner affiliates and other radon risk reduction leaders.
			a. Continue working with Utah's 12 local Health Districts in promoting public outreach. Encourage area outreach activities such as disseminating information packets on radon, distributing radon test kit coupons, and conducting radon educational presentations, and testing radon levels in schools.
			b. Continue working with the Huntsman Cancer Institute in raising awareness in the state. Outreach activities will include attending the 2017 University Health Care Be Well Utah Family Health Fair.
			c. Conduct outreach activities with the Utah Department of Health, Utah Cancer Action Network (UCAN), CanSAR, and the American Lung Association to promote radon awareness, radon testing, and mitigation.
			d. Provide assistance when requested by tribal organizations throughout Utah (specifically, the Piute tribe and the Shoshone tribe).
			e. Continue partnership with Intermountain Health Care (IHC) and other women/newborn centers by supplying hospitals with newborn radon packet information, which started December 2003 (FY04)
			f. Develop coalition with the Green and Healthy Homes Initiative (GHHI) Salt Lake Coalition to do radon testing in unhealthy homes throughout Salt Lake County.

UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
State Indoor Radon Grant

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			g. Provide radon education to the public through the National Radon Poster Contest, National Radon Action Month activities, DRC website, press releases, media appearances and advertisements, Governor's Declaration, school science projects, and scout eagle projects.
			h. Promote state radon legislation as opportunities arise.
			4. Determine (track) and measure results with respect to awareness levels, testing frequency, mitigation, and radon resistant new construction.
			a. Continue to track local and national media articles about radon and the health hazard associated with exposure to elevated levels.
			b. Continue to track educational opportunities to reach out to the general public, real estate professional, and homebuilders (see measures 1-2).
			c. Continue to track phone calls, visits on the DEQ Radon website (www.radon.utah.gov), and email inquiries.
			d. Continue to track and report the number of homes tested for radon by currently listed radon measurement service providers, mitigation providers, and laboratories.
			e. Continue to track and provide annual reports of the number of homes built with RRNC, based on information provided by local home builders.
			f. Continue to track free radon test kit orders that come through the IHC newborn radon packets.
			g. Continue to track the number of homes mitigated quarterly by radon mitigation service providers.
			5. Testing and, where necessary, mitigating schools for radon and radon decay progeny.
			a. Educate School District Administrators about the health hazard associated with exposure to radon and promote radon testing in schools.
			b. Provide discounted radon test kits to school districts for testing, as requested.

**UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
State Indoor Radon Grant**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			c. Continue assisting school districts with education and radon testing programs.
			d. Solicit school districts to participate in National sponsored "Radon in Schools" Webinars.

**United States Environmental Protection Agency (EPA)
State Indoor Radon Grant (SIRG) Program**

Attachment A: Term and Condition for FY2017 SIRG Funds

Grant-specific Programmatic Conditions

B. Performance Reporting for FY2017 House Report 114-632

Performance Reports:

- The recipient shall submit to the EPA Project Officer, a report utilizing the reporting template provided by your Project Officer; also available at <https://www.epa.gov/radon/state-indoor-radon-grant-sirg-program>. In accordance with 2 CFR Part 200.328, the recipient agrees to include this information in the template, and submit it with their annual progress report, but no later than September 30, 2018.

Instituting this reporting requirement is an important step in addressing the SIRG recommendations contained in the House Report (114-632) that accompanied the FY2017 EPA-SIRG appropriation. In accordance with 2 CFR 200.328(2)(d)(1), the recipient agrees to notify EPA of problems, delays, or adverse conditions which materially impairs their ability to satisfy this specific requirement.

Completed state program templates are due to the EPA SIRG Project Officer with their annual progress report no later than July 1st, 2018. Please do not include this report in the body of your progress report (if it is submitted as a word document or a pdf).

**United States Environmental Protection Agency (EPA)
State Indoor Radon Grant (SIRG) Program**

Attachment B: Report Template--Radon Activities--FY2016 House Report 114-632

Instructions for Completion and Examples of Applicable Activities

Report current work results as well as planned work on the template provided below. If no work is currently underway or planned, a "not applicable" entry may be entered. The House Report 114-632 recommends that EPA focus SIRG funding in three broad areas. Examples of

UDEQ GOALS AND OBJECTIVES OFFICE OF PLANNING AND PUBLIC AFFAIRS State Indoor Radon Grant

applicable activities are provided below and include activities that satisfy program approaches that should be given priority consideration when awarding grants with FY17 funding. In addition to listing your program's activities, please include further detail that describes the particular work and results. Consult your EPA Project Officer with any questions.

1. Promoting radon awareness through the medical community, state cancer control plans, child care providers and real estate transactions.
 - a. **Promote awareness to the Medical Community** (hospitals, clinics, health care providers, medical professionals).
 - i. Stakeholder meetings to which medical personnel are invited or attend
 - ii. Newborn programs through hospitals
 - iii. Environmental public health tracking
 - iv. Lung Force, Cancer Society walks, events, meetings, etc.
 - b. **Inclusion of radon in state Cancer Control Plans** (CCPs).
 - i. Coordination involving a state CCP
 - ii. Radon activities carried out under a state CCP State/County/Local cancer or chronic disease coalition
 - c. **Addressing radon in real estate transactions**
 - i. Disclosure/notification policies and training
 - ii. Outreach to real estate professionals
 - iii. Home buyer and seller education
2. Informing local school systems about radon exposure risk in schools and providing sample school testing and mitigation plans. Please note that schools are defined as K-12 public schools.
 - a. **Radon testing or remediation of schools.**
 - i. Radon testing and mitigation activity in schools carried out by the state (States may also include schools that have tested and found elevated levels)
 - ii. Training/consultation for school personnel
 - b. **State laws on school testing or mitigation**
 - c. **Addressing radon in schools through**
 - i. Radon Resistant new school construction
 - ii. School IAQ workshops that include radon
 - iii. Health/Green/Sustainable school efforts that include radon
3. Providing training and technical support on voluntary consensus standards for radon testing and mitigation, and identifying and spreading best practices for building homes radon resistant and adopting radon in building codes.
 - a. **Continuing education and technical support**, by the State to professionals/industry on testing/ mitigation standards, techniques and best practices (builders, real estate, home inspectors, building code officials).
 - i. Stakeholder meetings
 - ii. Certification programs
 - iii. Training, workshops on current consensus Standards of Practice for all audiences

**UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
State Indoor Radon Grant**

- ii. State policy or requirements related to the use of consensus Standards of Practice
- b. **Identifying and spreading best practices for building homes radon resistant** and adopting radon in building codes.
 - i. Any work with builders, building code/health officials, radon industry to promote radon-resistant new construction.
 - ii. Any work with builders, real estate professionals, building code/health officials, radon industry to promote radon-resistant building codes.
 - iii. Outreach to buyers (first occupant) of new homes to encourage testing for radon.

**United States Environmental Protection Agency (EPA)
State Indoor Radon Grant (SIRG) Program**

Attachment C: Fact Sheet on State Cancer Control Plans, Consensus Standards, and Radon-resistant Residential Construction Resources

A. State Cancer Control Plans (CCPs). As background, radon is absent from the CCPs in these 15 states: TX, MT, CA, AZ, NM, WA, NE, MN, WI, IN, GA, SC, WV, DE, CT, and DC. For the remaining states, radon does appear in their CCPs, albeit to differing degrees.

B. Consensus Standards of Practice and Resources for Measurement and Mitigation

1. Radon measurement devices, measurements and mitigation; single & multi-family, schools, large buildings.

1.1 AARST Bookstore:

<https://aarst-nrpp.com/wp/store/>

- (a) MAH-2014: Protocol for Conducting Measurements of Radon/Decay Products in **Homes**.
- (b) SGM-SF-2017: Soil Gas Mitigation Standards for Existing **Homes**.
- (c) MAMF-2017: Protocol for Conducting Radon and Radon Decay Product Measurements in **Multifamily** Buildings.
- (d) RMS-MF-2014: Radon Mitigation Standards for **Multifamily** Buildings.
- (e) MALB 2014: Protocol for Conducting Measurements of Radon/Decay Products in **Schools** and Large Buildings.
- (f) RMS-LB-2014: Radon Mitigation Standards for **Schools** and Large Buildings.
- (g) MS-PC-2015: **Performance** Specifications for Instruments and Systems Designed to Measure Radon Gas in Air.

1.2. ANSI Bookstore: http://webstore.ansi.org/?source=google&adgroup=ansi_standards&gclid=CNep84Cr_8sCFVBZhgodhlgPmQ

Search radon for ANSI/AARST standards.

1.3. ASTM Bookstore:

<http://www.astm.org/Standard/index.html>

Search radon; E2121 for mitigation.

1.4. EPA Radon Program

<https://www.epa.gov/radon/find-radon-test-kit-or-measurement-and-mitigation-professional#who>

UDEQ GOALS AND OBJECTIVES

OFFICE OF PLANNING AND PUBLIC AFFAIRS

State Indoor Radon Grant

General information, and locating a qualified radon services provider.

C. Consensus Standards of Practice and Resources for Radon-resistant Residential Construction

1. New Construction Standards

1.1. AARST Bookstore:

<https://aarst-nrpp.com/wp/store/>

(a) CCAH-2013: Reducing Radon in New Construction of 1 & 2 Family Dwellings & Townhouses (**Homes**).

(b) CC-1000-2017: Soil Gas Control Systems in New Construction of Buildings (**Schools** & Large Buildings).

1.2. ANSI Bookstore: http://webstore.ansi.org/?source=google&adgroup=ansi_standards&gclid=CNep84Cr_8sCFVBZhgodhlgPmQ

Search radon for ANSI/AARST standard CCAH-2013 (**Homes**) and CC-1000-2017 (**Schools** & Large Buildings)

1.3. ASTM bookstore:

<http://www.astm.org/Standard/index.html>

Search radon; E1465 for radon-resistant low-rise residential construction.

2. EPA Radon Program

2.1. EPA Radon-resistant website:

<https://www.epa.gov/radon/radon-resources-builders-and-contractors>

Resources, basics and directory of builders using radon-resistant techniques.

2.1.1. Radon-resistant construction basics and techniques.

<https://www.epa.gov/radon/radon-resistant-construction-basics-and-techniques>

2.1.2. Directory of builders using radon-resistant techniques.

<https://www.epa.gov/radon/directory-builders-using-radon-resistant-new-construction-rrnc>

2.1.3. Resources for builders (architectural drawings, *Building Radon Out*).

<https://www.epa.gov/radon/builder-and-contractor-resources-radon-resistant-new-construction-rrnc>

3. Model National Building Codes (ICC and NFPA)

3.1. International Code Council (ICC)

3.1.1. International Residential Code (IRC)

http://www2.iccsafe.org/states/seattle/seattle_residential/PDFs_residential/Appendix%20F.pdf

See Appendix F for radon provisions for **homes**.

UDEQ GOALS AND OBJECTIVES OFFICE OF PLANNING AND PUBLIC AFFAIRS State Indoor Radon Grant

<http://aarst-nrpp.com/wp/wp-content/uploads/2016/10/Proposed-Changes-to-Appendix-F.pdf>

Or see substitute (suggested revisions) of Appendix F for radon provisions for **homes**.

3.1.2. International Building Code (IBC)

<http://aarst-nrpp.com/wp/wp-content/uploads/2016/10/Proposed-IBC-Appendix-N.pdf>

Suggested language for **schools** & large buildings provisions.

3.1.3. International Green Code (IgCC)

<https://www.epa.gov/smartgrowth/ansiashraeusgbcies-standard-1891-2014-standard-design-high-performance-green-buildings>

2018 version is being produced jointly by ASHRAE & ICC and will contain technical provisions of ASHRAE 189.1 including radon.

3.1.4. ICC/ASHRAE-700-2015 National Green Building Standard

<http://www.homeinnovation.com/ngbs>

Revision under construction will have updated radon language

3.1.5. State code adoption maps

https://www.iccsafe.org/wp-content/uploads/Code_Adoption_Maps.pdf

3.1.6. ICC code adoption toolkit:

<https://www.iccsafe.org/about-icc/code-adoption-resources/>

Resources to assist in the development and adoption of codes by states, counties, municipalities, etc.

3.2. National Fire Protection Association (NFPA) 5000 Model Code

Contains mandatory language for radon in the body of the code similar to the ICC/IRC Appendix F.

<http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=5000>

UDEQ GOALS AND OBJECTIVES OFFICE OF SUPPORT SERVICES

EPA Goal and Objective EPA Measure	UDEQ Goal	UDEQ Measure
Cross-cutting Strategy: Expanding the Conversation on Environmentalism	I. ENVIRONMENT GOAL: Partner with the Department and Divisions in planning and policy initiatives	
	1. Provide planning support for UDEQ initiatives and, on request, to statewide initiatives.	a. Process for completion of FY2018 PPA is successfully coordinated and final document is submitted to EPA. b. Process for completion of End-of-Year Report for FY 2017 PPA is coordinated with Divisions and is submitted to EPA.
Supports all Strategic Goals	II. CUSTOMER SERVICE GOAL: Operate as a customer-oriented agency by focusing on customer service, trust, and problem-solving through teamwork and partnership.	
	<u>Auditor</u> 1. Perform internal and fee audits as assigned by the Audit Committee. 2. Provide financial assurance assistance to Divisions 3. Perform an annual review of the DEQ hourly fee for reasonableness.	Goals are accomplished
	<u>Other Services</u> Coordinate all GRAMA requests received and ensure each is answered in the allotted 10-day period of time.	
Supports all Strategic Goals	III. STATE-BASED REGULATION OF ENVIRONMENTAL PROGRAMS GOAL: Take an active role to help influence and develop rules and programs that are consistent with and help Utah achieve its needs.	
	<u>OSS</u> Continue to provide the financial application for the Performance Partnership Grant.	Complete the PPG grant and all necessary amendments and changes within prescribed due dates.

UDEQ GOALS AND OBJECTIVES OFFICE OF SUPPORT SERVICES

EPA Goal and Objective EPA Measure	UDEQ Goal	UDEQ Measure
Cross-cutting Strategy: Strengthening Partnerships	IV. PARTNERSHIP WITH FEDERAL, STATE, LOCAL AND TRIBAL GOVERNMENTS GOAL: Assist with ensuring effective delivery of environmental services through intergovernmental collaboration.	
	<u>Local Health Liaison</u> 1. Facilitate strong relationship between UDEQ and the Local Health Departments.	a. Participation in CLEHA, Local Health Officers' Association, Local Boards of Health, and UEHA meetings. b. Process for the one-year contracts is successfully coordinated and completed. d. Partnership and Governance meetings are effective and issues raised are tracked and resolved.
Supports all Strategic Goals	V. EMPLOYEES GOAL: Fully utilize our major resource.	
	<u>Leadership Training</u> Support UDEQ leadership development initiative.	1. Regular leadership-training classes are held. 2. Follow-up activities in sections and branches are facilitated, as requested 3. Individual employees are coached, as requested.

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
Goal 1: Improving Air Quality – Achieve and maintain health-based air pollutant standards and reduce risk from toxic air pollutants and indoor air contaminants	Reduce Criteria Pollutants and Regional Haze	1. Develop and implement appropriate SIPs for all areas of the state.	a. State develops all State Implementation Plan revisions required to meet federal law and submits them to EPA for their review and approval according to the established timeframe.
		2. Develop and improve appropriate inventories.	b. All measures contained in the SIP approved by the Air Quality Board are fully implemented.
			a. The Title V inventory is prepared by August 15.
			b. Required inventory data is entered into the NEI by June 1.
			c. Non-HAP/non-Criteria/non-MACT regulated pollutants are inventoried as required by federal rules.
			d. The inventories required for the Maintenance Plans and SIPs are developed as required and appropriate technical support for each is submitted to EPA for their review with the applicable plan.
		3. Continue to meet federal requirements for PSD increment tracking.	a. Increment consumption for major sources is tracked as permits are issued.
		4. Maintain an adequate ambient air quality monitoring program meeting the requirements of 40 CFR Part 58 to assess public exposure to air pollutants and to establish the attainment status.	a. The annual Monitoring Network Plan is completed and submitted to EPA by July 1. Evaluate monitoring network to reflect recent changes in funding and national monitoring requirements to optimize the network.
			b. The PM2.5 monitoring network is maintained and operated as appropriate funding is received from EPA.
			c. Monitoring data are submitted to EPA 90 days after each quarter.
			d. Locations for new monitoring sites are based on current emission inventories, air quality modeling and EPA regulation.
			e. Staff works with EPA to assess the impacts of changes to 40 CFR 58, and continue planning for the implementation of those changes (National Monitoring Strategy/NCORE Monitoring Network).
			f. The National Air Toxics Trends site in Bountiful is operated in accordance with NATTS QAPP with appropriate updates.

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			g. An appropriate response to each identified NAAQS violation is prepared and submitted to EPA.
			h. The annual certification of 2017 data is completed by the May 1, 2018 annual certification date.
			i. Participation in the Three-State Air Quality Study continues with two major tasks: 1) review the continued operation of the Price ozone/meteorological site after collecting 3 years of Federal regulatory data based on availability of EPA or BLM funding; and 2) provide staff and other support to the Three-State Data Warehouse and modeling efforts as the project design matures and funding allows.
			j. Initiate PAMS early implementation activities, including PAMS siting, preliminary PAMS plan for 2017 Annual Monitoring Network Plan, acquisition and installation of ceilometer for mixing height measurements.
		5. Maintain the compliance status of air pollution sources in the state.	a. By November 15, prepare and submit to EPA for review and approval the compliance monitoring strategy incorporating the provisions of EPA's July 14, 2014 Clean Air Act Stationary Source Compliance Monitoring Strategy. Coordinate with EPA to ensure that CMS sources are flagged in ICIS-AIR for inspection, and to ensure that high priority violations and associated enforcement actions are correctly identified in ICIS-AIR.
			b. Asbestos notification, certification and outreach programs are continued, and at least 120 on-site inspections are performed.
			c. The work program for the AHERA Toxic Substances Compliance Monitoring Grant is continued. The AHERA Grant Work Plan approved by EPA Region VIII will be the environmental measure of success for the Utah AHERA Program.

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		6. Implement the Operating Permits Program meeting the current requirements of Title V, CAAA 1990, and the Utah Air Conservation Act.	a. An Operating Permits Program is continued as described in program approval from EPA.
			b. The provisions of the Acid Rain Act and 40 CFR Part 72 and Part 76 are implemented.
		7. Continue issuing approval orders for new sources and modifications of the existing approval orders.	a. A demonstration is made that the NAAQS and PSD increment ceilings in Class I and Class II areas are protected.
			b. BACT/LAER determinations are either entered into the RACT/BACT/LAER Clearinghouse or the information is provided to EPA so they can enter the data.
		8. Quality Assurance programs are reviewed for effectiveness.	a. Statistical quality standards are met for the collection of ambient air data and emissions inventories prepared by the State.
			b. Rules, regulations, procedures, policies, and protocols are complied with.
			c. Regulatory activities are documented, including the appropriate technical support.
			d. The State and EPA agree on the adequacy of air program results.
		9. Maintain the small business environmental assistance program (SBEAP) to actively assist small businesses to comply with rules of the Board.	a. Educational Assistance is offered to all small businesses affected by adopted NSPS and MACT standards.
			b. As appropriate, the Small Business Compliance Advisory Panel's role is modified to increase the effectiveness of the SBEAP.
			c. On-site assistance is provided when requested.
			d. The small business work plan for the Small Business Compliance Advisory Panel is modified as appropriate to better meet assistance needs.
			e. Assistance tracking is modified as appropriate to better provide and measure assistance needs.

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		10. Continue to implement R307-204, Smoke Management, the Utah Smoke Management Plan (SMP), and MOU to mitigate smoke impacts from managed natural fires and prescribed fire on visibility, public nuisance, and the health-based NAAQS.	a. Necessary burn approval and denial decisions made by the Smoke Program Coordinator and Division Director are coordinated with partner agencies.
			b. The rules and SIP are revised as needed to implement revisions to the FLM burn policies and practices, particularly regarding Use of Wildland Fire issues.
		11. Work with EPA to obtain federal actions on the backlog of State submittals.	a. Appropriate assistance is provided to EPA staff responsible for completing federal action on each submittal to facilitate final EPA action on each.
		12. Implement designated facility plans, NSPS, NESHAPS, MACTs, CTGs and RACT.	a. MACT Standards that apply to sources in Utah are adopted through rulemaking and implemented through the Operating Permit process as they are developed and promulgated by EPA.
			b. NSPS standards that apply to sources in Utah are adopted through rulemaking and implemented through the permit process as they are developed and promulgated by EPA.
			c. Rules implementing specific source RACT are developed and implemented as appropriate.
			d. RACT determinations included in the Ozone Maintenance Plan and PM10 SIP are reviewed and updated as appropriate.
			e. UDAQ staff participates in EPA regional meetings and conference calls which will focus on sharing information and building state capacity to identify, characterize and address air toxics risks in Utah communities based on available resources.
		13. Submit monitoring data to EPA as required.	a. Quality assured ambient air pollution data is submitted to AQS no later than 90 days after each calendar quarter.
			b. Data precision and accuracy assessments are submitted to ICIS-Air no later than 90 days after each calendar quarter.
			c. ICIS-Air is monitored on an ongoing basis for accuracy and completeness consistent with the MDR's as well as the CMS and HPV Policies

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			d. Data summary reports are printed for regulatory and public use as appropriate.
		14. Respond to questions from the public regarding air quality issues.	a. Ambient air quality data is provided to the AirNow Program.
		15. a) Work with other state / federal / local agencies to reduce diesel emissions in Utah. 15. b) Work with Cache and Wasatch Front Counties to implement motor vehicle inspection and maintenance (I/M) programs that meet requirements in the Utah SIP. 15. c) Transportation Conformity – assist Cache, Wasatch Front, and Utah County MPOs with their CAA and 40 CFR 93, Subpart A conformity determinations as per the provisions of Section XII of the Utah SIP.	a. Continue implementing the Utah Clean Diesel Program and apply for additional funding through DERA. b. Continue efforts with Cache, Davis, Salt Lake, Utah, and Weber counties to implement their respective I/M programs. c. Continue to provide consultation and interagency collaboration to assist the Cache MPO, Wasatch Front Regional Council (WFRC), and the Mountainland Association of Governments (MAG) as they develop conformity determinations for their respective Regional Transportation Plans (RTP) and Transportation Improvement Programs (TIP).
	Reduce Air Toxics	16. Reduce Air Toxics	a. MACT Standards that apply to sources in Utah are adopted through rulemaking and implemented through the Operating Permit process as they are developed and promulgated by EPA.
			b. UDAQ staff participates in EPA regional meetings and conference calls which will focus on sharing information and building state capacity to identify, characterize and address air toxics risks in Utah communities based on available resources.
			c. The work to conduct community outreach and analysis concerning air toxics issues is completed based on UDAQ needs and available resources.

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		17. Assess public exposure to air toxics in Bountiful, Davis County by analyzing intensive community-specific air toxics monitoring campaign collected at sites in Bountiful area during summer and winter.	a. Prepare a report summarizing main findings by January 2018
			b. Characterize ambient air toxics levels in Bountiful community.
			c. Assess community-scale and diurnal variability in air toxics levels in Bountiful area
			d. Identify source locations of high-risk air toxics
			e. Assess public exposure to air toxics within Bountiful community areas
			f. Ultimately determine specific emission reduction strategies
			g. Ultimately evaluate and improve air toxics emissions inventory
Reduce exposure to lead-based paint.	Reduce exposure to lead-based paint.	18. Protect public health and the environment through implementation of the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.	<p>a. The Utah Lead-Based Paint Grant Work Plan approved by EPA Region VIII will be the environmental measure of success for the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.</p> <p>b. Support the EPA Strategic Plan goal to ensure that the percentage of children with blood lead levels above 5 µg/dl does not rise above the 1.0 percent target for FFY 2018 and work to make further reductions in blood lead levels through 2018. (Baseline is 2.6 percent of children ages 1-5 had elevated blood lead levels (5 µg/dl or greater) in the 2007-2010 sampling period according to the Centers for Disease Control and Prevention's (CDC's) National Health and Nutritional Evaluation Survey (NHANES).</p> <p>c. Support the EPA Strategic Plan goal to reduce the percent difference in the geometric mean blood lead level in low-income children 1-5 years old as compared to the geometric mean for non-low income children 1-5 years old to 10.0 percent by 2018. (Baseline is 28.4 percent difference in the geometric mean blood lead</p>

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			level in low-income children ages 1-5 years old as compared to the geometric mean for non-low income children 1-5 years old in 2007-2010 sampling period according to CDC's NHANES.)

EPA's Portion of the PPA

1. EPA Region VIII will work with other affected EPA offices when appropriate to consider various approaches to addressing specific issues that impact Utah.
2. EPA Region VIII will participate in UDAQ Board Meetings when specific issues regarding the partnership between EPA Region VIII and UDAQ are part of the agenda and travel funds permit.
3. EPA Region VIII will provide training on the newly modernized ICIS-Air national database (previously named AIRS/AFS).

Items Related to UDAQ Planning Branch Activities

1. EPA Region VIII will work with UDAQ as necessary and appropriate when reviewing SIP submittals and initial designation requests as the NAAQS are revised to clarify issues and communicate actions that may affect Utah.
2. EPA Region VIII will work with EPA HQ when appropriate to help elevate issues to the national level that are uniquely western issues.
3. EPA Region VIII will give timely attention to any intermediate work products that are developed in the SIP process so as to provide UDAQ its feedback during project development rather than at the end.
4. EPA will make every effort to determine completeness and to take final action on regulatory actions submitted by Utah in accordance with statutory time frames considering existing resources.
5. EPA Region VIII and UDAQ will work together to prioritize existing SIP submittals and on identifying upcoming SIP revisions. EPA Region VIII will keep UDAQ informed on the status of actions.
6. EPA Region VIII and UDAQ will work together to pursue any feasible early action initiatives for PM_{2.5}.

UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

7. Following review of the Federal Annual Air Quality Report, EPA Region VIII and UDAQ will work together to develop appropriate actions addressing each identified NAAQS violation for any criteria pollutant.

Items Related to UDAQ Permitting Branch Activities

1. EPA will provide review and comments as appropriate for the ITAs within the 30-day public comment period.

Items Related to UDAQ MACT Compliance and Enforcement Activities

EPA Region VIII, Office of Enforcement, Compliance and Environmental Justice and Utah Division of Air Quality will work to keep each other informed of important and potentially controversial activities involving regulated sources in Utah, including activities involving national and regional initiatives. EPA continues to implement PSD/NSR and MACT national initiatives in the refinery, coal-fired power plant, Portland cement, sulfuric and nitric acid and glass industry sectors; Energy Extraction, a national leak detection and repair (LDAR) and flare initiative; and a regional oil and gas industry sector initiative.

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

SOURCE PROTECTION

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
Goal 2: Protecting America's Waters. Objective 2.1 Protect Human Health Sub-objective 2.1.1 Water Safe to Drinking Measures: SP-4a; SP-4b:	FY 17 National Target = 49% Regional Target = 40%	Report to EPA the number of community water systems with "minimized risk achieved by substantial implementation" of source water protection as determined by Utah approval of community water system source protection plans. Numbers may vary from year to year because of the six year review process but will meet or exceed EPA national and regional targets. To meet or exceed the target measure of 48%.	Percent of community water systems where risk to public health is minimized through source water protection.
	FY 17 National Target = 59% Regional Target = 40%	Report to EPA the population numbers served by community water systems where "minimized risk is achieved by substantial implementation of source water protection actions, as determined by Utah's approval of community water systems source protection plans. Numbers may vary from year to year because of the six year review process. To meet or exceed the target measure of 52%.	Percent of population served by community water systems where risk to public health is minimized through source water protection.

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

IMPLEMENTATION AND ENFORCEMENT

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
<u>Strategic Target SDW-211:</u> Percent of the population served by community water systems (CWS) that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment .	FY17 National/-Regional Target = 92%	To meet or exceed the target measure of 87% UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.	Annual enforcement review reveals improvement in violation timeliness and accuracy. Inventory, violation, and enforcement data are uploaded to SDWIS-Fed within 45 days after the end of each quarter.
<u>Strategic Target SDW-SP1.N11:</u> Percent of CWS that meet all applicable health-based standards, through approaches that include effective treatment and source water protection.	FY17 National/Regional Target = 90%	To meet or exceed the target measure of 85% UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.	
<u>Strategic Target SDW-SP2:</u> Percent of “person months” (i.e., all persons served by CWS times 12 months) during which CWS provide drinking water that meets all applicable health-based drinking water standards.	FY17 National/Regional Target = 95%	To meet or exceed the target measure of 90% UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.	
<u>Strategic Target SDW-01a:</u> Percent of CWS that have undergone a sanitary survey within the past three years (five years for outstanding performers or those groundwater systems approved by UDEQ to provide 4-log treatment of viruses.	FY17 National/Regional Target = 75%	To meet or exceed the target measure of 90%. UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.	

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
Goal 5.I Enforcing Environmental Law (Filter/GUI)	<p>UDEQ provides to EPA by 11/15/17:</p> <p>a) a list of all systems that are required to filter under the SWTR, but are not yet filtering. Additionally, report those violations to SDWIS-Fed. For those still on compliance schedules, provide the schedule from the enforcement document. If any systems are not under compliance schedules, for each system provide a rationale and the proposed state action and time frame for securing an enforceable compliance schedule.</p> <p>b) a description of any additional actions and the time frames for completing assessments of groundwater under the influence of surface water (GUI), and the systems for which such assessments need to be completed.</p>	<p>Maintain an accurate list of unfiltered SW/GUI PWSs and a schedule for compliance of/and of actions, with timeframes, required for completion or initial GUI assessments.</p> <p>Provide a report to EPA by 11/15/17.</p> <p>Upload all failure to filter violations to SDWIS.</p>	<p>Accuracy of list of SW/GUI unfiltered systems.</p> <p>Completion of GUI assessments. Report provided to EPA by 11/15/17.</p> <p>All current failure to filter violations uploaded to SDWIS by the end of FY2018 and future violations uploaded when they occur.</p>
Goal 5.1 Enforcing Environmental Law (ETT)	<p>a) UDEQ annotates the quarterly ETT list created by the ERP and returns a complete annotated list to EPA within 30 days of receipt. The annotations include the State actions planned for each identified priority ETT system, the projected time frame for such actions, and other relevant information that helps EPA evaluate candidates for federal enforcement.</p>	<p>Timely annotate the quarterly ETT list for priority systems.</p>	<p>Annotations are complete and timely.</p>

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
	<p>b) UDEQ addresses all priority ETT systems through formal enforcement or appropriate return to compliance within 6 months of their being identified as priorities, with the goal of taking action before systems reach priority status. EPA will take federal enforcement action, as resources allow, if UDEQ does not plan to timely address a priority water system appearing on an ETT list, if UDEQ does not meet its previous commitments to take an enforcement action, or for cases in which PWSs would have been a priority ETT's system if all violations had been uploaded to SDWIS-Fed.</p> <p>c) EPA encourages UDEQ to update its enforcement escalation policies to ensure that all violations receive a state response, and that enforcement priorities are addressed in a timely and appropriate manner.</p>	<p>Timely address all priority ETT systems.</p> <p>UDEQ utilizes its IPS system to assist with addressing violations and determining appropriate formal enforcement. R8 enforcement contact attends the State's quarterly call to discuss enforcement cases.</p>	<p>Priority ETT systems addressed within 6 months of identification.</p>
Goal 5.1 Enforcing Environmental Law (SDWIS-Fed)	UDEQ will upload inventory information and all violations, enforcement actions, and applicable return to compliance codes into SDWIS-Fed quarterly.	SDWIS-Fed database is accurate and current.	
Goal 5.1 Enforcing Environmental Law (Oversight)	<p>UDEQ tracks the compliance of systems that are under UDEQ enforcement and escalates enforcement when a PWS violates an existing formal enforcement action.</p> <p>UDEQ will include all violations in Bilateral Compliance Agreements and other formal enforcement actions.</p>	<p>Track compliance of system under UDEQ formal enforcement and take action if a PWS violates its terms.</p> <p>Include all violations in formal enforcement actions.</p>	<p>EPA's review of enforcement actions reveal that all violations are contained in UDEQ formal enforcement actions.</p>

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
	UDEQ will ensure that timely violation letters are sent to PWSs for each violation incurred.	Timely issue violation letters to PWSs for each violation incurred.	File reviews by the EPA or its contractor detect few late or absent violation letters.
	UDEQ continues to provide access to State PWS files & data for EPA's on-site enforcement review.	Allow EPA access to UDEQ PWS files and data. Eqedocs.utah.gov for PWS files. Waterlink.utah.gov for database records and view.	Continue to provide data access to EPA for review.
	UDEQ agrees that EPA will use the Uniform Enforcement Oversight System (UEOS) for evaluating the State's enforcement performance.	UEOS evaluation by EPA accepted.	Continue to provide EPA with data necessary to complete the UEOS.
Goal 5.1 Enforcing Environmental Law (New rules)	It is UDEQ's intent to adopt the RTCR Rule and commence enforcement effective on April 1, 2016, provided SDWIS is able to track and report violations. In the absence of SDWIS tools, UDEQ may have to rely on federal tracking and enforcement until such time as the SDWIS tools are in place. If federal involvement is necessary, UDEQ will cooperate with EPA in identifying water systems and violations for which EPA may need to issue enforcement actions.	If there are violations of any rule that UDEQ does not have primacy for UDEQ will share information regarding these violations with EPA. Utah submitted the final primacy packet for the RTCR in Jan 2017 and received interim in Mar/Apr 2017. In July, Utah received comments from EPA on the rule package. The comments were submitted after the 90 day comment period. Utah will review the comments and address the comments as appropriate as resources allow.	UDEQ and EPA will work closely on communicating capabilities related to the RTCR Rule.

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

Core Activities FY2018

Category	Activity	Responsibility
<i>Philosophy, Culture</i>	Customer Service orientation	All
	Implement DEQ & DDW Operating Principles	All
	Actively seek customer feedback	All
	Maintain good communication with partners and customers	All
	Effective Intersection communication	All
	Effective Interdivision communication	All
	Invite local legislators to DW Board Activities	Division Director
	Division Director will collaborate with DW Board in support of joint goals	Division Director
	Division will actively protect public health through water system compliance	All
	Employee job ownership/job empowerment	All
<i>Staff</i>	Ensure staff are technically trained to accomplish mission	All
	Reward and recognize employees for excellent work	All
	Managers have an open door policy (and keep staff issues and conversations private)	All
	Serve on national and state committees	All
	All staff will refer customer questions to the <u>right</u> person (the Division's experts)	All
	All staff will keep In/Out Board current	All
	Ensure cross-training and back-up capability where appropriate	All
<i>IT, Gov e-Business</i>		
	Maintain Division Website	Const. Asst. /All
	Maintain CMDP	Rules
	SDWIS data reporting	Rules
	Automate water treatment plant report transmission	Rules
	Implement geographic information system (GIS) applications, including support for outside partners and other DEQ Divisions	Admin. Serv.
	Maintain and enhance the divisions databases: SDWIS/Waterlink/CASPER	Rules/All
	Continue to implement the Department electronic document management system	Admin. Serv./All
	Add and maintain current and accurate data in all of the Divisions databases and all of the contact information including e-mail addresses.	All

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

Category	Activity	Responsibility
	Maintain "Potential construction projects" list on Division webpage	Const. Assist.
	Participate on EPA's SDWIS PRIME project	Director & Rules
<i>Assistance and Training</i>		
	Staff assistance to Drinking Water Board	Division Director/All
	Technical assistance to water operators	All
	General partnering (targeted training, cooperation, follow-up and training)	All
	Educate locally elected officials and their staff	All
	Provide technical assistance on Drinking Water quality problems	All
	Perform Capacity development functions	Const. Assist.
	Provide support for the Permanent Community Impact Board	Const. Assist./ Engineering
	Perform technical assistance to water treatment plants	All
	Perform support to local water treatment alliances	Eva / All
	Support water planning activities in cooperation with other agencies and local government and technical assistance partners, regarding source protection and system viability	All
	Ensure Drinking Water Board members have sufficient training to make policy decisions	All
<i>Field Work</i>		
	Provide training on physical facility capacity and its issues for consultants, district engineers, and others	Const. Assist. / Engineering
	Perform Sanitary Surveys. Respond to water system	All
	Sanitary survey scheduling with consideration for expertise rotation and geographic grouping	Field Services
	Water treatment plant inspections	Const. Asst. / Engineering
	Construction inspections	Const. Assist. / Engineering
	Develop and obtain additional useful spatial data	All
	Special studies on water treatment technologies	Engineering
	Geologic evaluation of sources	Admin. Serv.
	Work on improving communication with ICS members	Field Services
<i>Regulatory</i>	Emergency Response / System Security / Project Funding	Field Services/Const. Assist./ Engineering
	Assist water systems with developing and maintaining Cross Connection Control Programs	Field Services
	Write, Implement and revise rules as needed	All
	Plan review and operating permits	Const. Assist./ Engineering

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

Category	Activity	Responsibility
	Enforcement & compliance by each section on its rules	All
	Enforcement (AOs, BCAs, AG Referrals, Administrative hearings, Administrative Penalties, etc.)	Rules / All
	Properly follow-up on assignments made at the Division's quarterly CAP meetings	Rules Enforcement/All
	Work Collaboratively with the EPA to complete an Annual Review report by April 1 st of each year	Rules/Implementation
	Unified Enforcement Oversight System	Rules Enforcement
	EPA quarterly reporting	Rules Implementation
	Improvement Priority System	Rules Enforcement
	Implement appropriate prevention strategies for systems appearing on EPA's ETT List. Document in the Division's enforcement actions in SDWIS.	Rules Enforcement
	Public Notice	Rules Enforcement
	Consumer Confidence Reports	Rules Enforcement
	Report, every three years, on capacity development assistance given to significant non-complying water systems	Const. Assist.
	Quarterly ETT list annotated and back to EPA within 30 days	Rules Enforcement
	Copy of EPA with enforcement action	Rules Enforcement
	Monitoring and MCL Compliance tracking and reporting	Rules Implementation
	Grout Witnesses	Const. Assist./Engineering
	Surface Water Treatment Rule tracking and reporting (GWUDISW/FA)	Rules /Field Services/Engineering
	Source Protection program	Admin. Serv.
	Capacity Development review for new systems	Const. Assist.
	Submit Annual Capacity Development Program Report to EPA by September 30 of each year	Engineering
	Submit a copy of the triennial Governor's Report to EPA by September 30 every third year	Engineering
	Assure that sampling and reporting is being done in a professional, timely and truthful manner	Rules Implementation
	When EPA proposes a rule, we will study the impact, prepare appropriate comments, and encourage the affected PWSs to comment. Finalize each rule by developing an appropriate State Rule, and implement.	All
<i>Certification</i>		
	Backflow Technician Certification	Field Services
	Submit Annual Operator Certification Program Report to EPA by September 30 of each year	Field Services.
<i>Financial Assistance</i>		

UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

Category	Activity	Responsibility
	Financial Assistance program	Const. Assist.
	Capacity assessments for financial assistance	Const. Assist.
	Annual rate and every 4 year needs surveys	Const. Assist,
	Capture systems with significant physical deficiencies and water quality issues in the IPS/PP	Const. Assist./Rules
<i>Miscellaneous</i>		
	CMDP Lab contact	Rules
	State Health Laboratory Coordination	Field Services
	All other Labs. Coordination	Rules Enforcement/Field Services
	Support Services (purchasing, contracting, grants, travel, budget preparation budget/expenditure tracking, and financial reporting, cash receipts, fee schedule).	Const. Assist./Engineering
	Respond to GRAMA requests.	All
	Actively seek financial assistance to enable the Division to pursue its mission	Division Director
<i>Succession/ Planning</i>		
	Keep policies and procedures up to date in E-docs	All
	Promote staff back up for all Division functions	All
	Consider mentoring options for retiring managers/staff	Managers

UDEQ GOALS AND OBJECTIVES

DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
Goal 3: Cleaning Up Communities and Advancing Sustainable Development Objectives 3.1 and 3.3 Promote Sustainable and Livable Communities; Restore Land	Clean up Contaminated Land	I. Maintain a partnership between Utah and EPA while implementing the Superfund program in Utah.	a. Participate in the Region 8 State Superfund managers conferences, when conducted.
			b. Encourage and participate in regular coordination meetings with Region 8 remedial program managers, at least every 2 months, to coordinate activities and discuss pertinent issues.
			c. Participate in conference calls between directors of the State and EPA programs, as needed, to coordinate activities and discuss pertinent issues.
			d. Jointly organize and attend the annual retreat between EPA and the State, when conducted.
		II. Continue to discover and assess contaminated sites in Utah and discuss potential solutions to the problems that are identified.	a. Continue to gather information on known groundwater solvent contamination problems in the Salt Lake Valley and other areas in Utah and update site files as needed.
			b. Continue discovery efforts for listing new sites on SEMS with a focus on the Ogden City area during FY2018.
			c. Determine the best ways to address the problems that are identified.
		III. Apply the UDEQ Mission, Vision and Values in all work activities.	a. Discuss the application of the Mission, Vision and Values in coordination meetings, as needed.
			b. Ensure that communications are consistent with the Mission, Vision and Values.
	Assess and Cleanup Brownfields; Clean up Contaminated Land	IV. Coordinate proposal of Utah sites to the NPL.	a. Ensure thorough and comprehensive communication between the agencies for all sites that are under consideration for inclusion on the NPL.
			b. Evaluate potential NPL sites during coordination meetings.
		V. Encourage redevelopment of Superfund and Brownfields sites in Utah.	a. Implement the EPA-approved State Response Program Work Plan. Key tasks in the work plan include encouraging communities in Utah

UDEQ GOALS AND OBJECTIVES

DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			to participate in the Brownfields program; conducting, or assisting EPA in conducting, Targeted Brownfields Assessments as requested by interested and eligible communities; issuing letters of support to communities applying for Assessment, Revolving Loan Fund, Cleanup or other EPA Grants; providing technical assistance to public and private stakeholders relative to Brownfields redevelopment; and maintaining a complete public record of Brownfields/VCP sites with easy access to information.
			b. Participate in quarterly Region 8 Brownfields Team teleconferences and meetings and attend the National and Western Regional Brownfields Conferences (when conducted and as budgets allow) to gather current Brownfields information.
			c. Issue Certificates of Completion under the VCP.
			d. Issue Enforceable Written Assurances to qualified applicants.
			e. Coordinate with EPA on Ready for Reuse Determinations for Superfund sites.
	Cleanup Contaminated Land	VI. Enhance the Utah Superfund Program, improve the State's and EPA's ability to conduct Superfund activities in Utah, and complete the EPA required accomplishments for FY2018.	a. Prepare and submit funding applications and cooperative agreements for enhancement of the State Response Program.
			b. Continue to develop and enhance the Utah Voluntary Cleanup Program and other State Response Programs.
			c. Jointly develop and work to achieve the FY2018 planned Superfund remedial accomplishments.

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

I. ENVIRONMENT

Mission- Protect human health and the environment by promoting pollution prevention (P2) and ensuring safe waste management through the proper handling, transportation, recycling, treatment, storage and disposal of solid and hazardous wastes, used oil, and waste tires.

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
GOAL 4: Ensuring the Safety of Chemicals and Preventing Pollution.	Objective 4.2: Promote Pollution Prevention.	By 2019, reduce 600 million pounds of hazardous materials cumulatively through pollution prevention.	Waste Minimization – Implement and support waste minimization and pollution prevention.	<p>a. Identify and evaluate supplemental environmental projects that are a part of a compliance action to determine their contribution to waste minimization and pollution prevention. Supplemental environmental projects contributing to waste minimization/pollution prevention will be reported to EPA.</p> <p>i. Conduct on-site visits to VSQG and SQGs to provide updated information on waste minimization programs and opportunities as well as compliance assistance.</p>
				<p>b. Continue Division pollution prevention policy implementation. Provide pollution prevention information and technical assistance to businesses that generate hazardous waste. Promote recycling of Hazardous Secondary Materials.</p>
				<p>c. Continue working with EPA hazardous waste minimization programs to assure that P2 resources are appropriate to meet common goals. EPA and the Division will look for opportunities to publicize how state actions support national goals. Review, comment on, and utilize state hazardous waste generation profiles prepared by EPA to increase waste minimization and P2 efforts and successes and to meet other specific state needs. Identify opportunities to link waste minimization efforts to reductions in EPA's priority chemicals in RCRA waste streams generated within the state.</p>

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
				<ul style="list-style-type: none"> d. Administer an effective used oil recycling program. <ul style="list-style-type: none"> i. Track and evaluate the amount of used oil collected for recycling, particularly used oil collected from Do-it-yourselfers (DIYers). ii. Review and process semi-annual DIYer reimbursements within established timeframes. iii. Support and help to maintain a sufficient number DIYer collection centers to make it convenient for the public to recycle their used oil. iv. Provide current listing of collection centers via the Division Web site. v. Document the number of new collection centers established during the fiscal year. vi. Maintain an effective Used Oil Block Grant Program to promote the recycling of used oil. Document the amount of funds awarded.
GOAL 3: Cleaning up Communities and Advancing Sustainable Development	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.	Minimize Releases of Hazardous Waste and Petroleum Products	Permits, Closure, and Post-Closure-	<ul style="list-style-type: none"> a. Maintain effective hazardous waste permitting and closure/post closure programs.

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
				b. Maintain accurate information of the hazardous waste universe and status of hazardous waste facilities subject to closure requirements, post-closure permits, and operating permits. Provide the preceding information through automated data systems (RCRAInfo) for all required data elements by the 20th of the month following the activity.
				c. Provide appropriate hazardous waste closure/post-closure and permit response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, and program priorities. Appropriate responses may include, but are not limited to; closure plan approvals (RCRAInfo data element CL360), closure verifications (CL380), final post-closure permit determinations/issuances (PC200), and final operating permit determinations (OP200). Permit modifications (PC240) are as equally important as the preceding activities because they generally reflect upgrading or updating permit conditions resulting in operational improvements for permitted TSDFs in managing hazardous waste.
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.3: Restore Land. Prepare for and respond to accidental or intentional releases of contaminants and clean up and restore polluted sites for reuse.		Corrective Action-	a. Maintain effective hazardous waste corrective action program, including stabilization of environmental releases and cleanup of contaminated waste sites.
				b. Maintain and update, as necessary, facility-specific corrective action information (universe identification and status) for hazardous waste facilities subject to corrective action, including site assessment, stabilization (accounting for health and environmental risk control measures), and regular corrective action process activities through staff interaction, correspondence and/or

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
				automated data systems (RCRAInfo). For RCRAInfo, all required data elements will be entered by the 20th of the month following the activity
				c. Provide appropriate hazardous waste corrective action response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include initial assessment of all TSDs in the corrective action universe including assessment completed (CA050), determination of the need for an RFI (CA070), and CA universe ranking (CA075)), RFI imposed (CA100), RFI approved (CA200), remedy selection (CA400), CMI construction completed (CA550), and corrective action process completed (CA999/RE).
				d. Provide appropriate stabilization response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include stabilization measures evaluation (CA225), stabilization imposed (CA600), stabilization construction completed (CA650), and
				e. In coordination with EPA Region 8, continue to evaluate annually and amend, as necessary, the facility-by-facility multi-year plan for corrective action activities
GOAL 5: Enforcing Environmental Laws.	Objective 5.1 Enforce Environmental Laws. Region 8 will	By 2019, conduct 79,000 federal inspections and evaluations (5-year cumulative).	Compliance and Enforcement- Evaluate compliance status of solid waste, hazardous waste, and used oil handlers and facilities and foster an	a. Update hazardous waste inspection universe and develop inspection schedule for FY 2018 by September 30, 2017. The selected universe and schedule will incorporate, as appropriate, state, regional, and national priorities. The selected schedule will also include 20% of the large

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
	continue to support the multimedia Energy Extraction initiative and Regional health care sector initiative. EPA will coordinate with UDEQ prior to commencing any activities related to these initiatives.		ongoing commitment to compliance and environmental protection through on-site inspections and compliance assistance activities.	quantity generator (LQG) universe as determined and agreed to by the Division and EPA using RCRAInfo as of September 1, 2017. The Region will develop its FY2018 Inspection schedule and submit to the Division by October 30, 2017.
				b. Complete targeted inspections by September 30, 2018.
				c. Participate in joint state and federal industry sectors initiatives.
				d. Continue implementation of the small quantity generator compliance assistance program in FY 2018.
				e. Provide facility specific compliance and enforcement information through the proper and timely entering of program data into automated data systems (RCRAInfo).
				f. Consider economic factors in determining penalties for violations. <ul style="list-style-type: none"> i. Use EPA economic computer models to assist in evaluation. ii. Use maximum flexibility when negotiating consent agreements to include consideration of financial viability of regulated party.
				g. Continue coordination of EPA Region 8's implementation of the CERCLA Offsite Rule (OSR). A regional implementation policy has been established and will serve as the basis for the Region's implementation of the OSR

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
				h. EPA has identified Financial Assurance through the National Program Management Guidance as a priority for FY 2018. Coordinate with the Region on financial assurance as appropriate. Should the Region or Headquarters identify a RCRA entity operating in several states with financial assurance compliance issues, EPA reserves the right to pursue compliance or enforcement activities with the identified operator in accordance with the Utah/EPA Enforcement Agreement.
				i. Utah will inspect at least 50 % of the active treatment, storage and disposal facilities during FY 2018.
				j. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program.
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.		Environmental Justice- The Division recognizes that incorporation of environmental justice into the RCRA regulatory program is a priority for EPA Region 8. Upon request, EPA will provide the Division access to Geographic Information System (GIS) environmental justice tools; provide information to the Division on environmental justice grants; and share information about any available environmental justice resources. The Division may utilize EPA staff and GIS resources, as appropriate, in the implementation of the State hazardous waste program.	a. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program.

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.	Promote sustainable communities	State-Based Regulation of Environmental Programs-	a. Develop statutory and regulatory authorities to qualify for continued program authorization.
				b. Adopt new hazardous waste, solid waste, and used oil rules promulgated by EPA to maintain regulatory equivalency and program authorization.
				c. Identify new federal hazardous waste rules promulgated during cluster period ending June 30, 2017 and which require adoption by the Waste Management and Radiation Control Board.

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.	Promote sustainable communities	Partnership with Federal, State, Local and Tribal Governments-	<p>a. The Environmental Services Delivery Plan (ESDP) delineates roles and responsibilities, joint goals and objectives, and establishes accountability between the Division and local health departments and local governments. Effectiveness of the Environmental Service Delivery Plan in developing a state/local partnership, coordinating delivery of services, and obtaining adequate resources will be evaluated.</p> <p>i. Work with federal, state, local (including local health departments), and tribal governments and provide information to plan for and manage the environmental impacts of growth.</p> <p>ii. Provide technical and non-technical training to local health departments, industry, local governments, or other groups.</p> <p>iii. Focus on teamwork and partnership in identifying and resolving problems.</p> <p>iv. Address key problems identified by government partners and develop and implement solutions.</p>
				<p>b. Identify key hazardous waste management problems and implement a solution in partnership with local health departments, local government, the Division, and EPA.</p>
				<p>c. Maintain positive relationship between the Division and local health departments.</p> <p>i. Notify local health departments of any Division activities occurring in their areas of jurisdiction.</p> <p>ii. Ensure directors of local health departments, or their designees, are copied on correspondence related to the Division activities associated with their area of jurisdiction.</p> <p>iii. Meet with each local health department at least annually.</p>

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
				<p>d. Inform local governments concerning the Division programs and activities in order to be able to comply with appropriate regulations and plan for future needs.</p> <ul style="list-style-type: none"> i. Participate, when invited, with local government organizations, at regular seminars and training meetings, as well as respond to individual requests for information. ii. Solicit input from local governments regarding proposed rules which could impact their areas of jurisdiction.
				<p>e. Enhance the State/EPA partnership to ensure the management of a quality hazardous waste program.</p> <ul style="list-style-type: none"> i. Maintain the MOA, the enforcement agreement, quality assurance plan for environmental data collection, and other operating guidance. ii. Jointly plan and prioritize program goals, objectives and activities which address joint priorities. The Division and EPA will work together on PPA development, program activities and priorities, inspection strategies, planning meetings, program reviews, and national assessments of major program elements. iii. Maintain a high level of coordination and cooperation between state and EPA staff to assure successful and effective administration of the program. Coordination includes evaluation of desirable technical support and targets for joint efforts and work sharing. iv. Maintain frequent and open communication on routine matters, changes in program capability, legislation, and resource levels, emergency situations, and other key activities as described in the MOA. EPA and the

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Status
				<p>Division will hold regular meetings or conduct conference calls, at least quarterly, to share information, identify and solve problems, and engage in short-term planning efforts.</p> <p>v. Jointly identify state training and technical assistance needs. EPA will make training and technical assistance available to the state and will work towards improving the capability to provide high quality assistance.</p>

UDEQ GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

FY 2017 Hazardous Waste Program Commitments for STATE		
Event	FY 2018	
	Committed	Achieved
Closure Activities (Unit Level)		
Closure Plan Approval (CL360) for LDUs	0	0
Closure Verification (CL380) for LDUs	0	0
Closure Plan Approval (CL360) for TSUs	0	0
Closure Verification (CL380) for TSUs	0	0
Closure Plan Approval (CL360) for CUs	0	0
Closure Verification (CL380) for CUs	0	0
Closure Plan Approvals Total (LDUs+TSUs+CUs)	0	0
Closure Verifications Total (LDUs+TSUs+CUs)	0	0
Permit Activities at GPRA Universe Facilities (Facility Level)		
Permitted Facilities under Approved Controls	0	0
Permit Renewals due*	2	0
Permit Activities Totals	0	0
Permit Activities for GPRA Universe Facilities (Unit Level)		
Controls in Place for LDUs on Closure Track	0	0
Controls in Place for LDUs on Operating Track	0	0
Controls in Place for TSUs on Operating Track	0	0
Controls in Place for CUs on Operating Track	0	0
Corrective Action Activities at GPRA Universe Facilities (Facility Level)		
RCRA Facility Assessments (CA050)	0	0
Overall Facility NCAPS Ranking (CA075)	0	0
Facility Stabilization Assessment (CA225)	0	0
Facility Remedy Selection (CA400)	0	0
Facility Construction Completion (CA550) (GPRA measure)	0	0
Human Health Exposures Controlled Determination (CA725) (GPRA measure)	0	0
Groundwater Migration Controlled Determination (CA750) (GPRA measure)	0	0
CA Performance Standards Attained/CA Process Terminated (CA900/CA999) (GPRA Measure)	0	0

UDEQ GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

Corrective Action Activities at GPRA Universe Facilities (Area Level)		
RFI Imposed (CA100) (area level)	0	0
RFI Approved (CA200) (area level)	22	0
Remedy Selection (CA400) (area level)	11	0
Construction Completion (CA550) (area level)	11	0
Corrections completed (CA900CR) (area level)	0	0
Corrective Action Completed (CA999) (area level)	11	0

*Permit Renewals Due this Strategic Period (FY14-18)

Permit Renewals

Nexeo
ATK???

Corrective Action Activities (Area Level)

RFI Report Approval (CA200) for two Group 4b SWMUs (SA-3 and S-38) at ATK Bacchus.

RFI Report Approval (CA200) for Group 11 SWMU SS-1 at ATK Bacchus.

RFI Report Approval (CA200) for two Group 12 SWMUs (BP-4 and OD-1) at ATK Bacchus.

RFI Report Approval (CA200) for SWMU 553 at ATK Promontory.

RFI Report Approval (CA200) for 2 SWMUs at Tooele Army Depot – South (1 and 25).

RFI Report Approval (CA200) for 14 AOCs at Tooele Army Depot – South (2, 3, 5, 6, 7, 8, 9, 10, 11, 15, 21, 23, 24 and 27).

Remedy Selection (CA400) for two Group 4b SWMUs (SA-3 and S-38) at ATK Bacchus.

Remedy Selection (CA400) for Group 11 SWMU SS-1 at ATK Bacchus.

Remedy Selection (CA400) for four Group 12 SWMUs (BP-4, OD-1, OD-2 and OD-3) at ATK Bacchus.

Remedy Selection (CA400) for two SWMUs at ATK Promontory (553 and 649).

Remedy Selection (CA400) for two SWMUs at Dyno Nobel Site B (1 and 2).

CMI Construction Complete (CA550) for two Group 4b SWMUs (SA-3 and S-38) at ATK Bacchus.

CMI Construction Complete (CA550) for Group 11 SWMU SS-1 at ATK Bacchus.

CMI Construction Complete (CA550) for four Group 12 SWMUs (BP-4, OD-1, OD-2 and OD-3) at ATK Bacchus.

UDEQ GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

CMI Construction Complete (CA550) for two SWMUs at ATK Promontory (553 and 649).

CMI Construction Complete (CA550) for two SWMUs at Dyno Nobel Site B (1 and 2).

Corrective Action Completed (CA999) for two Group 4b SWMUs (SA-3 and S-38) at ATK Bacchus.

Corrective Action Completed (CA999) for Group 11 SWMU SS-1 at ATK Bacchus.

Corrective Action Completed (CA999) for four Group 12 SWMUs (BP-4, OD-1, OD-2 and OD-3) at ATK Bacchus.

Corrective Action Completed (CA999) for two SWMUs at ATK Promontory (553 and 649).

Corrective Action Completed (CA999) for two SWMUs at Dyno Nobel Site B (1 and 2).

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
<p>EPA STRATEGIC GOAL 2: Protecting America's Water. Protect and restore our waters to ensure that drinking water is safe, and that aquatic ecosystems sustain fish, plants and wildlife, and economic, recreational , and subsistence activities.</p> <p>EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including source waters.</p> <p>EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.</p>	<p>DWQ GOAL: Protect, maintain, and enhance the quality of Utah's surface water and ground water to allow appropriate beneficial uses, and protect public health while giving reasonable consideration to economic impacts.</p>	
	<p style="text-align: center;">UPDES PROGRAM</p> <p>Maintain an acceptable UPDES Program per agreement with EPA. The Utah Department of Environmental Quality (DEQ) shall fully implement and enforce its delegated UPDES program (including, as appropriate, general permitting, pretreatment, biosolids, CAFO, and storm water programs) as required by 40 CFR Parts 122-124, 403, 501 and 503, its delegation MOA July 7, 1987, SEA, Inspection Plan, and any other agreements with EPA regarding program implementation. The PPA may specify goals and objectives for activities beyond the base level of performance, but, in no way, should this be interpreted as relief from full implementation of the base program.</p> <p>DEQ certifies that it has, maintains, and implements an adequate UPDES program including pretreatment, biosolids, CAFO, and storm water in conformance with federal and state laws and regulations and conditions set forth in program authorization (delegation) documents. As long as the DEQ maintains an adequate program, the EPA and the DEQ agree that this Agreement shall remain in effect, except as amended through mutual agreement.</p> <p>Grant dollars awarded by the EPA may be used by the DWQ UPDES Program to perform core program activities to adequately maintain its UPDES program, even when these activities are not specifically defined by goals, measures, and/or reporting requirements.</p> <p>Continue to fully implement the ongoing UPDES pretreatment, biosolids, CAFO, and stormwater management programs as per the following "CORE PROGRAM ACTIVITIES", "COMPLIANCE AND ENFORCEMENT ACTIVITIES" and "PERMIT ACTIVITIES".</p>	
	1. Individual Permits	<p>DWQ will report annually the number and percent of facilities that have a discharge requiring an individual permit that:</p> <ul style="list-style-type: none"> a. are covered by a current UPDES permit b. have expired individual permits

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<ul style="list-style-type: none"> c. have applied for, but have not yet been issued an individual permit d. have individual permits under administrative or judicial appeal
	2. Priority Permits	<ul style="list-style-type: none"> a. Utah will continue to emphasize the development of permits which appear on the EPA Priority Permits list, specifically targeting the permit issuance commitments for the current fiscal year. b. Each year, 95% of priority permits and 90% of all permits are issued or reissued within the five year statutory timeframe. If the number of backlogged permits is greater than 30% at any time, provide an overall permit issuance/backlog reduction plan showing how the State will expeditiously reduce the backlog to 10% upon request from EPA.
	3. Whole Effluent Toxicity (WET)	<ul style="list-style-type: none"> a. Assure proper implementation of WET requirements in UPDES permits. b. Following EPA's review and comment, revise Utah's WET policy and guidelines in order to assure alignment with EPA's National WET policy and/or regulations. Target 120 days following receipt of EPA's final comments. EPA Region 8 will notify DWQ when the EPA comments received are considered final.
	4. Reasonable Potential Process	<ul style="list-style-type: none"> a. Utah will continue to implement the process/procedures for RP consistent with 40 CFR 122.44(d).
	5. Stormwater	<ul style="list-style-type: none"> a. Involve regulatory agencies and the public as necessary to effectively permit storm water discharges. The State program is accessible by the public and regulated entities (i.e., contact information and web sites, etc.).

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<ul style="list-style-type: none"> b. Include EPA in the review process prior to issuing general permits for storm water discharges. c. Upon request from EPA, provide a list of storm water sources associated with industrial activity, construction sites over one acre, and a list of designated storm water sources (including Municipal Phase I and Phase II) that are covered by a current individual or general UPDES permit or other enforceable mechanism. d. Continue outreach/education activities for the Phase II Storm Water Program.
	6. Pretreatment	<ul style="list-style-type: none"> a. Provide EPA with the number and percent of local Pretreatment programs that have implemented Pretreatment Streamlining Regulations annually. b. Provide the number of categorical industrial users (CIUs) in non-approved pretreatment programs annually. c. Provide the number of CIUs in non-approved pretreatment programs permitted by the State annually. Identify in ICIS the following Pretreatment Program statistics: <ul style="list-style-type: none"> i. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs, ii. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs that have adequate control mechanisms implementing applicable pretreatment standards and requirements. (95% coverage is the Regional commitment) iii. The number of categorical industrial

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		users (CIUs) that have adequate control mechanisms implementing applicable pretreatment standards and requirements in approved pretreatment programs.
	7. Sewage Sludge (Biosolids)	<p>Promote the beneficial use of biosolids and implement biosolids regulations.</p> <ul style="list-style-type: none"> a. Provide the % and # of UPDES permits that contain biosolids language annually. b. Maintain data in the ICIS database. c. Reissue all biosolids permits which will expire in FY2018 and transition into consolidated permits as needed. d. Submit an End-of-Year report to EPA for the preceding calendar year containing a summary of DWQs actions under their biosolids program. Also include a list of facilities that beneficially reuse biosolids, methods of reuse and the tons reused.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	8. Concentrated Animal Feeding Operations (CAFOs) (ongoing)	<p>a. Continue to implement “Utah’s Strategy To Address Pollution From Animal Feeding Operations.”</p> <ul style="list-style-type: none"> i. For all permitted CAFOs, if available, enter permit facility data, and permit event data into ICIS. ii. Inform EPA of animal feeding operations that are impacting water quality annually. iii. Conduct and/or participate in meetings of the AFO/CAFO committee and maintain critical partnerships with NRCS, UACD, the Farm Bureau and the agricultural community. iv. EPA will provide CAFO rule development updates, to keep DWQ informed. <p>b. Maintain an inventory of all permitted CAFOs and unpermitted CAFOs during FY2018. Provide the inventory to the EPA upon request.</p> <p>c. Continue to implement the new EPA 2012 CAFO rules in Utah within FY 2018.</p> <p>d. After rule revision and issuance of the next CAFO permit, Nutrient Management Plans for permitted CAFOs once approved, shall be tracked in ICIS.</p>
	9. Utah Sewer Management Program (USMP)	Continue to implement a comprehensive state-wide permit program for the planning, operation and maintenance of all public wastewater sewer collection systems.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
<p>EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including source waters.</p> <p>EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.</p>	UPDES ICIS Date	
	1. ICIS Data Management	<p>Ensure maintenance of information management systems sufficient to plan, track, assess, and make adjustments to program activities.</p> <ol style="list-style-type: none"> Properly enter data into the ICIS data system such that the federally required data fields are current. Provide to the maximum extent practicable the RIDE elements required. This depends on information that is obtainable with the permittee's cooperation and economic restraints. ICIS data is entered accurately which includes permitting, compliance, and enforcement data. Continue to report non-major facilities compliance data the same as majors through the ICIS data management system. Track all inspections in ICIS. Enter additional ICIS data, as listed in other parts of this document
<p>EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including source waters.</p> <p>EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.</p>	UPDES Compliance Evaluations & Inspections	
	1. Implement the Clean Water Act Action Plan	<ol style="list-style-type: none"> DWQ and EPA will work together to implement the Clean Water Act Action Plan to identify water quality issues of greatest concern for the State, and develop collaborative annual work plans to leverage both DWQ and EPA resources to address these issues. This will be accomplished through the Annual State/EPA UPDES Compliance Inspection Plan as approved for each fiscal year.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	2. Annual State / EPA UPDES Compliance Inspection Plan	<ul style="list-style-type: none"> a. Coordinate inspection activities among programs and between the State and USEPA. Incorporate targeted USEPA national and regional priority sectors, as agreed upon between DWQ and USEPA. Consider planning inspections to complement timing and focus on watershed efforts. Inspections will be conducted in accordance with the mutually agreed to Annual State / EPA UPDES Compliance Inspection Plan (Inspection Plan), to the extent possible, incorporate the EPA NPDES Compliance and Monitoring Strategy - July 21, 2014. b. The Inspection Plan will include the universe of facilities subject to each CMS metric and number of compliance monitoring activities planned for the year. c. If the Inspection Plan commitments do not meet the inspection goals listed in the EPA NPDES Compliance and Monitoring Strategy, the Inspection Plan will include adequate detail for EPA to understand: <ul style="list-style-type: none"> i. The overall approach proposed, including the rationale for any deviations and tradeoffs; ii. A description of the affected regulated universe(s); and An explanation of how DWQ has determined that the resulting reduced/modified attention at certain facilities will not have negative public health or environmental impacts. In addition, the Inspection Plan should include the details always expected in a CMS plan (e.g., universe of facilities subject to each CMS metric and number of compliance monitoring

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
	<p>activities planned for the year).</p> <ul style="list-style-type: none"> d. DWQ will submit a draft Inspection Plan for FY2018 by August 1, 2017, and the final Inspection Plan by September 15, 2017 or within 15 of days of receiving EPA's formal comments on the draft Inspection Plan if EPA comments are received later than August 31, 2017. e. EPA may determine the number of inspections conducted at end of year (September 30, 2017) by DWQ in each category above by requesting this information from DWQ. DWQ will provide a list of inspections performed for each category as indicated in the Inspection Plan in the form of ICIS reports, Excel spreadsheets, or any other format agreeable to DWQ and EPA. Any inspections performed on or before September 30, 2017, but which do not appear in ICIS by December 31, 2017, will not be counted in the end of year numbers. f. EPA Region 8 may conduct up to 6 oversight inspections with DWQ in FY2018. Additional inspections EPA Region 8 may conduct are included in the agreed to the Inspection Plan. This includes inspections within EPA national and regional enforcement initiatives. g. Region 8 will ask DWQ to conduct single and/or multimedia inspections at federal facility NPDES majors with recurrent effluent violations. Region 8 will conduct these inspections if DWQ does not plan to conduct the inspections. Region 8 will ask authorized states to work with EPA to target federal facilities for multimedia inspections. DWQ will be asked to lead the NPDES portion of a multimedia inspection at the selected federal

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>facility. If DWQ does not want to conduct the inspection, EPA will conduct the inspection in lieu of the State.</p> <p>h. During FY2018, EPA Region 8 may perform inspections at all Federal Facility construction sites that have been awarded contract dollars for site construction, in cooperation with DWQ inspectors.</p>
	3. Storm Water	<p>a. Continue implementation of MS4 permits which will ensure adequate sediment control inspections at local construction sites. This should increase the number of overall storm water inspections performed in the state.</p> <p>b. Encourage DWQ staff, District Engineers and municipal and county staff to assist with inspections as allowed by time and resource constraints.</p>
<p>EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including source waters.</p> <p>EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.</p>	UPDES Enforcement	
	1. QNCR and ANCR	<p>a. During quarterly conference calls between EPA and DWQ, enforcement discussions will include the Quarterly Noncompliance Report for major facilities, Annual Noncompliance Report for minor facilities, and current and projected enforcement cases to address concerns early in the process.</p>
	2. DWQ Enforcement	<p>a. EPA will identify and provide copies, if possible, of any policy or guidance documents used when evaluating the appropriateness of DWQ's enforcement actions. DWQ agrees to evaluate all violations and determine an appropriate response and take that action.</p> <p>b. DWQ will take timely and appropriate</p>

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>enforcement against facilities in Significant Non-compliance.</p> <ul style="list-style-type: none"> c. DWQ will incorporate approved compliance schedules and deadlines into enforcement actions such that these schedules and deadlines are enforceable under the NOV/Order. d. As State resources allow, DWQ will work with EPA Region 8 to implement the National Wet Weather SNC Policy. e. Utah may submit an updated draft Enforcement Management System. EPA Region 8 will provide timely comments within 45 days of any submittal. f. DWQ will submit to EPA appropriate enforcement documents (NOVs/Orders, settlement agreements, etc.) upon request. g. A list of all completed enforcement actions including the name of the facility, type of action, penalty amount (if any), and type of facility shall be provided to the EPA with the EOY Report. The EPA may conduct a penalty review of a select number of actions, not to exceed ten. Upon request, DWQ will provide penalty calculations and all necessary background documentation to EPA for the selected enforcement actions, which will mainly focus in priority areas (e.g. cases in priority areas; MS4s, CAFOs, SSOs, and energy extraction). The EPA will provide written comments on any reviewed settlement documents and penalty calculations as part of the EOY Review.
	3. Whole Effluent Toxicity (WET)	Assure proper and consistent enforcement of WET requirements in UPDES permits.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<ul style="list-style-type: none"> a. Enforce UPDES permit WET limits and compliance schedule violations in accordance with the enforcement guidance contained in its February 15, 1991 "Permitting and Enforcement Guidance Document for Whole Effluent Toxicity Control," and any subsequent revisions. b. DWQ will submit as part of their FY2017 EOY report: a list of the facilities which are required to have WET limits or WET monitoring, a list of facilities that have entered into a TIE/TRE during FY2018, and a list of any formal enforcement actions which included WET violations.
	4. EPA Enforcement	<ul style="list-style-type: none"> a. DWQ understands that EPA Region 8 will continue to participate in and to initiate regional and national enforcement cases. In cooperation with DWQ, EPA Region 8 may perform inspections in regional and national priority areas according to national guidance. EPA may conduct inspections and issue enforcement actions as appropriate and will promptly advise, consult with, and coordinate with DWQ prior to such activity. b. Region 8 agrees to coordinate with and appropriately notify DWQ when it conducts any inspections and investigations.
	5. 404 Enforcement Actions	<ul style="list-style-type: none"> a. EPA Region 8 will take the lead on 404 enforcement actions that have associated 402 violations, except where EPA determines combined cases may not be in the best interest of litigation.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
<p>EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis.</p>	TMDL WATERSHED	
	<p>1. Accomplish an effective program for completion and implementation of TMDLs.</p> <p>Participate in calls and meetings with EPA to refine and update (as necessary) the Program Vision prioritization strategy, efforts to address the other 303(d) Vision goals, and progress in developing FY19 TMDLs and TMDL alternatives. (Ongoing Carl Adams)</p>	<p>a. Identify extent of priority areas that are addressed by EPA-approved TMDLs or alternative restoration approaches for impaired waters that will achieve water quality standards. These areas may also include protection approaches for unimpaired waters to maintain water quality standards (WQ-27). Our commitment for FY 2018 is 37% based on the submission of the North Fork Virgin River TMDL for E. coli.</p> <p>b. Identify the State-wide extent of activities leading to completed TMDLs or alternative restoration approaches for impaired waters, or protection approaches for unimpaired waters (WQ-28). This is an indicator measure and does not require annual commitments.</p>
	<p>2. Implement a prioritization strategy under the 303(d) Vision that will be used to identify</p>	<p>a. A list of priority waters slated for near term (~2 year) TMDL development or alternative approaches;</p> <p>b. Update as necessary a list of priority waters scheduled for likely TMDL development or alternative or approaches over the 2016 – 2022 period;</p> <p>c. Update as necessary a list of priority waters awaiting management to protect their current condition from degradation during 2016 – 2022 (optional); and</p> <p>d. The strategic rationale of the State in setting these priorities.</p>
	<p>3. Monitor implementation activities for completed TMDLs on a watershed basis through submission of annual reports by local watershed coordinators on August 31 of each year.</p>	

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	4. Maintain sound fiscal management of contracts by tracking contract amount, expenditures to date and availability of funds to meet contractual obligations via quarterly reports.	
	5. Implement the Watershed Approach to effectively and efficiently support the development and implementation of TMDLs in Utah for impaired waters according to the approved 303(d) list.	
	6. Continue to implement the Nonpoint Source Program based on strong State and local institutional capabilities using the Watershed Approach in support of TMDL development .	<ul style="list-style-type: none"> a. Conduct a comprehensive NPS program review preceding the update of the NPS Management Plan every five years beginning 2018. b. Update GRTS annually by entering annual progress report information according to December 31st deadlines. c. Submit NPS Annual Report by January 31 of each year. d. Foster program integration and interagency technical and financial assistance through participation on statewide partnership committees including: The Water Quality Task Force, the State Technical Advisory Committee, and the Utah Conservation Commission. e. Obtain 319 project final reports from project sponsors and coordinate with EPA to obtain concurrence for grant closure in a 5 year time frame. f. Implement best management practices appropriately and effectively and achieve natural resource improvements for 319 NPS Watershed Projects. Obtain available information of reductions in nonpoint source loadings for sediments, nitrogen and phosphorus, and improvements in water quality. Report load reduction and water quality information in project annual reports

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>(GRTS), project final reports and NPS Program annual report. (WQ9)</p> <p>g. Report the number of waterbodies identified (in 2000 or subsequent years) as being primarily nonpoint source (NPS)-impaired that are partially or fully restored. Target for FY-2018 is 1 watershed. (WQ10)</p> <p>h. Report the number of priority NPS watershed areas where USDA EQIP funds are used to implement conservation projects. Report allocation of EQIP funds to 303(d) waters and approved TMDL watersheds.</p> <p>i. Report the number of priority watershed coordinator positions developed and functioning according to DWQ contract work plans.</p>
<p style="text-align: center;">GROUND WATER PROTECTION</p> <p>The Utah Department of Environmental Quality, Division of Water Quality (Utah DWQ) certifies that it maintains and implements an adequate Underground Injection Control (UIC) Program under Section 1422 of the Safe Drinking Water Act (1422 UIC Program) in conformance with federal and state laws, regulations, and conditions set forth in program authorization (delegation) documents. As long as the Utah DWQ maintains a 1422 UIC Program, the Regional Administrator of the United States Environmental Protection Agency (USEPA) Region 8 and the Director of the Utah DWQ agree this Agreement shall remain in effect, except as amended through mutual agreement. Grant dollars awarded by the USEPA may be used by the Utah DWQ to perform core program activities (40 CFR Parts 144 and 147) to adequately maintain its 1422 UIC Program, even when these activities are not specifically defined by goals, measures, and/or reporting requirements. The Utah DWQ agrees to conduct core program activities as described in and as evidenced by the submittal of the UIC Program narrative included in the EOY Report (see Table 1 on page 76).</p> <p>The USEPA agrees to provide the following support to the Utah 1422 UIC Program:</p> <ol style="list-style-type: none"> a. One annual midyear review of Utah 1422 UIC Program. b. Technical training, as appropriate and as funds allow. c. Seventy-five percent (maximum) of funds necessary to operate the core State 1422 UIC Program, assuming a federal budget funding level near or equal to the past three years. Should funding levels drop significantly, USEPA will review core program elements and provide appropriate revisions d. 		

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
<p>EPA OBJECTIVE 2.1 Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters,</p>	<ol style="list-style-type: none"> 1. Maintain an effective 1422 Underground Injection Control Program per agreement with the EPA 2. To protect Underground Sources of Drinking Water (USDWs) from contamination by maintaining and implementing an effective core program, the DWQ 1422 UIC Program agrees to: <ol style="list-style-type: none"> a. Evaluate the core program effectiveness as reported in the UIC Program narrative included in the EOY Report (see Table 1). b. Enforce the 1999 Class V Rule regarding motor vehicle waste disposal wells (MVWDWs) and large capacity cesspools (LCCs). MVWDWs and LCCs are closed as they are identified. Priority is given to identifying these wells within groundwater-based source water protection zones as delineated by the Utah Division of Drinking Water, Source Water Protection Program. MVWDWs and LLCs identified, inspected and closed are included in the biannual submittal to the National UIC Database. c. Identify and report the number and percent of Class I injection wells that are used to inject industrial, municipal, or hazardous waste wells that fail mechanical integrity and maximize the number that are returned to compliance within 180 days, thereby reducing the potential to endanger USDWs. <ol style="list-style-type: none"> i. The reporting requirements for this metric shall be fulfilled by the biannual submittal to the National UIC Database. d. Identify and report the number and percent of Class III injection wells that are used for salt solution mining that lose mechanical integrity and maximize the number that are returned to compliance within 180 days, thereby reducing the potential to endanger USDWs. <ol style="list-style-type: none"> i. The reporting requirement for this metric shall be fulfilled by the biannual submittal to the National UIC Database. e. Identify and report the number of Class V motor vehicle waste disposal (MVWD) wells and large capacity cesspools that are closed or permitted in sensitive ground water protection areas* and maximize the number that are closed or permitted thereby reducing the potential to endanger underground sources of drinking water. <ol style="list-style-type: none"> i. The reporting requirement for this metric shall be fulfilled by the biannual submittal to the National UIC Database. ii. Although Utah has not formally delineated "other sensitive ground water areas" throughout the state as defined by the December 7, 1999 final rule, the 1422 UIC Program will continue to prioritize the identification, reporting, and return-to-compliance of MVWDW and other high priority wells within Source Water Protection Zones and other areas, although not formally delineated, where risk to human health and vulnerability to ground water contamination is recognized.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	f. Ensure Utah UIC Program monitoring activities are performed according to the DEQ/QMP Approved QAPP.	
	3. Encourage responsible environmental behavior and promote excellence in environmental quality through environmental education, community-based partnerships and qualitative and quantitative feedback from regulated and non-regulated customers.	<p>a. Provide a description of presentations to local government groups, local health departments, public works departments, private sector groups, civil groups, etc. which include UIC concerns and opportunity for feedback. (Reported in the UIC Program narrative included in the EOY Report – see Table 1 on page 80).</p> <p>b. Provide a description of all outreach activities intended to inform local government groups, local health departments, public works departments, private sector groups, civil groups, etc. about the 1999 Class V rule regarding the closure of motor vehicle waste disposal wells (MVWDWs), large capacity cesspools (LCCs) and any other outreach activities intended to inform the public and the regulated community about UIC Program requirements. (Reported in the UIC Program narrative included in the EOY Report – see Table 1 on page 80).</p>
	4. Electronic Submittal to the National UIC Database	<p>a. Utah DWQ currently maintains the 1422 UIC Program's geodatabase with ArcGIS Desktop. All reporting elements previously submitted on the 7520 forms and the online PAM tool will now be submitted biannually through electronic submittal of the Utah UIC Geodatabase to the National UIC Database.</p> <p>b. See Table 1 on page 80 for reporting requirements.</p>
	5. Continue administration of a comprehensive ground water protection program according to priorities established in Utah Ground Water Protection Strategy and the annual	<p>a. End-of-year report as required by EPA grant on achievement of FY17 DWQ/Ground Water Program Goals and Objectives.</p> <p>b. Continue participation in the Ground Water Protection Council National Ground Water</p>

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	FY16 Division of Water Quality/Goals and Objectives.	Strategy Committee with EPA Headquarters, Regions, and States. The intent is to help EPA develop a national strategy for refocusing EPA and States efforts on ground-water protection.
<p>EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including sources waters.</p> <p>EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.</p>	STANDARDS AND TECHNICAL SERVICES	
	1. Maintain Water Quality Standards as the basis for effective water quality management and assessment programs.	<ul style="list-style-type: none"> a. Continue to review and compile a list of potential water quality standards to be included in the 2017 triennial review, including: nutrient criteria, appropriate modifications to Great Salt Lake standards, and new or revised 304 (a) criteria recommendations. b. Continue to collaborate with the water quality standards workgroup(s) of stakeholders and partners on continued water quality standards revisions. c. Develop and publicize a plan for implementing tissue-based criteria (i.e., revised selenium criteria adopted). d. Evaluate Utah waters for the historical presence of mollusks in preparation for adoption of Utah ammonia criteria based on EPA's 2013 ammonia criteria recommendation. Develop implementation guidance for conducting mussel surveys. e. Develop guidance for the utilization of variances with UPDES and other permitting programs consistent with the EPA's 2015 Water Quality Standards revisions. Determine if Utah's water quality standards should be modified to included variance policies and procedures.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	<p>2. Development of rules, policies, and procedures to ensure protection of Great Salt Lake and its surrounding wetlands.</p>	<ul style="list-style-type: none"> a. Continue to update and revise as necessary the Great Salt Lake Water Quality Strategy, Core Components 1 and 2. b. Continue to implement the Great Salt Lake Baseline Sampling Plan within the requirements of the Quality Assurance Program Plan. Update the QAPP as needed. c. Continue numerous efforts to encourage collaboration among DWQs sister State and Federal agencies with related management responsibilities for GSL. d. Continue toxicological testing of brine shrimp and brine flies in support of numeric criteria development for priority pollutants in GSL. e. Continue development of assessment of recreational and aquatic uses using the narrative standard for Farmington Bay f. Continue to collaborate with EPA on all major 401 water quality certifications in jurisdictional waters with emphasis on projects occurring in the Great Salt Lake Watershed including Compass Minerals, Kennecott Utah Copper, Union Pacific Railroad and West Davis Corridor. g. Continue to develop and implement monitoring and assessment methods for GSL wetlands. h. As resources allow, fill the key data gaps identified by the 2016 Great Salt Lake Aquatic Life Use Resident Taxa Summary. i. Modify Utah's Water Quality Standards to ensure the long term protection of the Willard Spur and whenever appropriate to accommodate ongoing development of water quality programs for GSL.

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
	<div data-bbox="814 282 1297 370"> <p>3. Development of numeric nutrient criteria and associated implementation procedures</p> </div> <div data-bbox="1308 282 1906 1382"> <ul style="list-style-type: none"> a. Continue to incorporate nutrient-specific monitoring efforts into Utah's long-term monitoring strategy. Include plans for the ongoing measurement of nutrient-related ecological responses. b. Propose and promulgate numeric criteria for Utah's headwater streams. Finalize the technical support document that underpins these criteria. c. Continue to develop numeric water quality indicators and/or criteria for phosphorous, nitrogen and associated ecological responses to protect recreation or aquatic life uses for Utah's waters. d. Evaluate adopting, with appropriate modifications, any revised 304(a) nutrient criteria proposed by EPA. e. Continue to meet with Utah's Nutrient Stakeholder Workgroups on outreach efforts in support of Utah's nutrient reduction strategy. f. Revise Utah's nutrient (TN and TP) reduction strategy, including a plan for the development and implementation of numeric nutrient criteria. g. Continue to work with a focused stakeholder groups to on the development of nutrient criteria and associated implementation programs. h. Develop implementation processes and associated rules for a comprehensive nutrient reduction program. i. Continue to participate on TMDLs for nutrient-related impairments to ensure that, wherever possible, that the endpoint align with site-specific standard development. </div>

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	4. Develop and implement a long-term biological assessment program :	<ul style="list-style-type: none"> a. Maintain annual biological monitoring strategy that best balances the programmatic needs of stakeholders. Make the list of sites available for review and incorporated into the annual monitoring strategy. b. Collect physical habitat, macroinvertebrate, and periphyton samples at ~50 streams annually to provide the data necessary to augment assessment tools and fulfill long-term (trend), natural variability (reference), restoration effectiveness, TMDL, 305(b), and 303(d) assessment needs. c. Continue to build capacity to digitize both field and biological data and store in a readily accessible database. Create electronic field form linking collected data to database. d. Continue development of modeled diatom MMI and integrate into existing aquatic life assessments. e. Continue compiling an expanded reference water body (streams and rivers) dataset for future assessment tool development. f. Continue development of assessment methods that better integrate biological and chemical assessment methods to provide an overall assessment of aquatic life beneficial use support for Utah's streams. g. Continue development of outreach materials (i.e., website, fact sheets, reports) to more completely describe Utah's biological assessment program to our stakeholders.
	5. Develop and implement a responsive Harmful Algal Bloom Program	<ul style="list-style-type: none"> a. Continue partnership development of outreach materials that communicate reporting blooms, avoiding risks, and HAB education b. Continue development of agency-wide strategic communication: response,

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		education, messaging and advisories c. Update HAB guidance and SOP documents as necessary d. Improve bloom reporting info and tracking e. Improve collection and reporting efficiency f. Develop early-warning systems at high-risk waterbodies g. Update integrated report assessments related to HABs
<p><u>EPA OBJECTIVE 2.1:</u> Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including sources waters.</p> <p><u>EPA OBJECTIVE 2.2:</u> Protect and Restore Watershed and Aquatic Ecosystems. Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.</p>	MONITORING AND REPORTING	
	1. Continue phase in of re-tooled monitoring program for DWQ according to established schedules. (WQ- 5)	
	2. Conduct Tier 1 (probabilistic), Tier 2 (targeted) and Tier 3 (programmatic) monitoring on a rotating basin schedule	<p>Tier 1 Monitoring: Probabilistic</p> <p>a. Augment reference site dataset and develop improvements to Probabilistic survey design. (Summer/Fall 2018)</p> <p>b. Finalize National Lakes Assessment (Fall 2017) and National Rivers and Streams Assessment (2018)</p> <p>Tier 2 Monitoring: Targeted</p> <p>a. Complete intensive targeted monitoring in the Jordan River and Utah Lake Watersheds Watershed</p> <p>Tier 3 Monitoring: Programmatic</p> <p>Continue to implement a statewide mercury in fish tissue monitoring component as part of the long-term monitoring strategy as funding is available. (Ongoing)</p> <p>a. Utilize established workgroup to provide guidance and recommendations for the mercury monitoring program. (Ongoing)</p> <p>b. Participate in the issuing of mercury fish</p>

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>consumption advisories as needed. (Ongoing)</p> <p>c. Participate in triennial review preparations/discussion pertaining to Hg.</p> <p>TMDL monitoring</p> <p>a. Discharge in large rivers (ongoing)</p> <p>Surface Water Compliance</p> <p>a. Increased DMRs</p> <p>b. Continue to Implement QUAL2K model sampling for permit renewal and wasteload development</p> <p>NPS Effectiveness Monitoring</p> <p>a. Implement pilot study for Long-term monitoring stations to assess effects watershed restoration, long term trends and climate change and develop site specific sampling plans.</p> <p>E. coli cooperative monitoring</p> <p>a. Continue implementation of monitoring program for <i>E. coli</i> to facilitate more rigorous assessment of recreational beneficial uses (ongoing)</p>
	<p>3. Fully implement quality assurance system for water quality division including QAPPs, SOPs, annual monitoring plans, and new documentation requirements for continuous monitoring.</p>	<p>a. Implement overhauled quality assurance system for water quality division</p> <p>i. New documentation requirements for continuous monitoring stations will be developed as part of the scoping and planning of pilot study (ongoing)</p> <p>ii. Develop and web post Annual Monitoring Plan to include schedule, site locations, monitoring activities, responsible entities, and special studies for meeting program</p>

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>objectives in the SMP. (Ongoing)</p> <p>b. Training in revised SOPs and QAPPs (ongoing)</p>
	<p>4. Complete development and initiate roll-out of data management tools based on WQX, AQWMS, ATTAINS</p>	<p>a. Data management tool roll-out and deployment within water quality division</p> <p>i. AWQMS: Ongoing testing and use by partners. Database populated with up-to date datasets and system in place for periodic uploads to WQX (ongoing)</p> <p>b. Training</p>
	<p>5. Integrate monitoring strategy elements to full operating levels, including update of monitoring strategy and annual monitoring plan for public comment; ongoing maintenance of cooperative monitoring/statewide monitoring council, and monitoring-related website elements</p>	<p>a. Finalize monitoring strategy and place on website for public comment (Fall 2017)</p> <p>b. Continue to apply for the 106 Monitoring Initiative funds to address data gaps and needs identified in monitoring strategy and to produce state-scale probability survey results.</p> <p>c. Continue promotion, chairmanship and support of the Statewide Monitoring Council to facilitate coordination of monitoring activities and special studies by local state and federal agencies as well as researchers and volunteer monitoring groups and provide the following services to members:</p> <p>i. Equipment and supplies</p> <p>ii. Training</p> <p>iii. Data management</p> <p>d. Maintain water quality monitoring council website</p>
	<p>6. Finalize the Assessment Methodology for inclusion with the Integrated Report for final public comment (Winter 2018)</p>	<p>a. Work with Standards and Technical Services Section to develop Statewide Statistical Survey and Lakes Assessment Chapters.</p> <p>b. Integrate Public Comments into final Report</p> <p>c. Submit the 2018 Integrated Report using the</p>
	<p>7. Complete 2018 Integrated Report analysis of water quality data for submission to EPA April 1, 2018</p>	

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>new ATTAINS system as the system of record for 303 (d) lists of impaired waters needing TMDLs to achieve water quality standards</p> <p>d. Submit the 2018 integrated report information electronically to the new ATTAINS system. Transmit water quality data to EPA using the WQX framework to satisfy the general obligation to report water quality data annually.</p>

GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

TABLE 1 –UIC REPORTING REQUIREMENTS

Due Date	Reporting Cycle	Report Required
May 15	Semi-Annual	Electronic submittal to UIC National Database for First and Second Federal Fiscal Year Quarters (October 1 through March 31)
November 15	Annual	Electronic submittal to UIC National Database for First, Second, Third, and Fourth Federal Fiscal Year Quarters (October 1 through September 30) Utah DEQ End of Year Report to EPA (EOY Report)
December 31	Annual	Final Financial Status Report (FSR)

**Multipurpose Grant
DIVISION OF WATER QUALITY
(Statewide Lakes Phytoplankton Bloom Monitoring)**

EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure
Goal 2: Protecting America's Waters Objective 1: Protect human health Objective 2: Protect and Restore Watersheds and Aquatic Ecosystems	Objective 2.1: Water Safe to Drink Water Safe for Swimming Objective 2.2 Improve Water Quality on a Watershed Basis	Collect high-frequency water quality data to evaluate the spatial and temporal coverage of phytoplankton with an emphasis on cyanobacteria/cyanotoxin events at high risk lakes	Purchase 2 monitoring buoys, 2 data sondes and 80 toxin test kits by May, 2017
			Prepare a Sampling Analysis Plan by May, 2017
			In June, 2017, deploy monitoring bouy and data sonde each in 2 high risk lakes. Collect bi-monthly data from June to October with increased sampling during HAB events. Redeploy in June, 2018 with same frequency of sampling
		Determine minimum required data necessary to detect harmful algal bloom events that trigger monitoring, advisories and corrective action	Create, download and maintain a database specific to this project.
			Analyze data to determine minimum required data for monitoring, advisories and corrective action
			Post results on the DEQ website: http://www.deq.utah.gov/Pollutants/H/harmfulalgalblooms/
			Share results with the HAB working group, Water Quality Health Advisory Panel and local health departments

MULTI-YEAR PPG



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of Environmental Quality

Alan Matheson
Executive Director

OFFICE OF SUPPORT SERVICES
Craig P. Silotti, CPA
Director

September 3, 2015

Gerard Bulanowski, State Program Manager (8P-SA)
State Assistance Program

Melisa Devincenzi, Grant Specialist (8TMS-G)
Grants; Audit and Procurement Program Office

U.S. EPA Region VIII
1595 Wynkoop Street
Denver, CO 80202-1129

Dear Mr. Bulanowski and Ms. Devincenzi:

Enclosed is Utah Department of Environmental Quality's application for the FFY 2016 through FFY 2020 Performance Partnership Grant. The application requests \$41,224,175 in federal funds and includes \$15,971,580 in state match over the five year period. Summarized below are the amounts requested for the first year of the five year period. The amounts were based on the latest EPA projected amounts from the prior year.

	<u>Federal</u>	<u>State</u>
Pollution Prevention	\$ 94,041	\$ 94,041
Air Pollution Section 105	2,506,269	1,670,846
Asbestos	124,000	41,333
Lead (OECA)	43,000	
Lead (OPPTS)	227,056	
Drinking Water PWSS	901,000	300,333
Hazardous Waste RCRA	537,439	179,146
Hazardous Waste Compliance Asst	224,334	74,778
Surface Water Section 106	2,077,578	95,591
Underground Injection Control	63,000	21,000
Nonpoint Source Section 319	502,379	334,919
Radon	45,000	30,000
Carryover	<u>3,000,000</u>	<u>1,181,767</u>
Total	\$10,345,096	\$4,023,754

195 North 1950 West • Salt Lake City, UT
Mailing Address: P.O. Box 144810 • Salt Lake City, UT 84114-4810
Telephone (801) 536-4440 • Fax (801) 536-4441 • T.D.D. (801) 903-3978
www.deq.utah.gov
Printed on 100% recycled paper

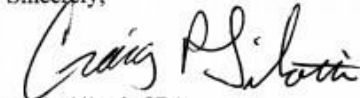
MULTI-YEAR PPG

Page 2

Subsequent years include a 2% increase per year and are detailed on the detail budget narrative spreadsheet. Also included was \$3,000,000 budgeted for carryover. This amount is less than the 10% normally requested. The actual amount is not know at this time but will most likely be less. The match for the carryover was calculated at 28.26%, based on the totals on the last award dated 8/12/2015

If you have questions or additional information is needed please call me at (801) 536-4460.

Sincerely,



Craig Silotti, CPA
Finance Director

Enclosures

cc: Renette Anderson, Office of Support Services
Bob Bowen, Division of Air Quality
Kate Johnson, Division of Drinking Water
Jalynn Knudsen, Division of Waste Management and Radiation Control
Emily Canton, Division of Water Quality